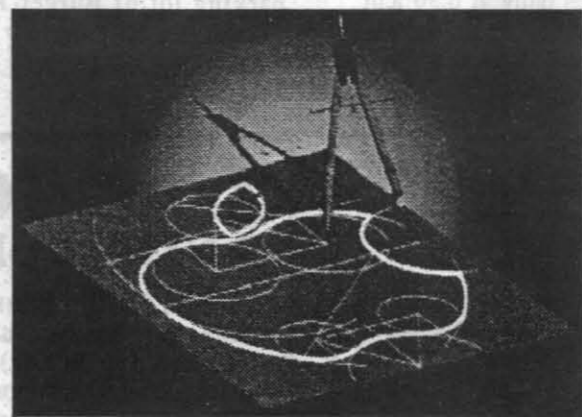


Blueprint for the Decade

An overview of Apple technology and strategies



- The Future of Macintosh in Personal Computing
- Apple in Enterprise Computing: the Client/Server Model
- Speech Recognition and Pen Based Computing

Unix | RISC | Voice | Connectivity | Object OS | DEC | Tandem

Wednesday April 15, 1992
Carriage Inn

- 08:30-09:30 Apple's Blueprint For The Decade
- 09:30-10:15 Macintosh Ease Of Use, Tandem Database Power
- 10:30-11:30 Speech Recognition and Pen Based Computing Demos

Questions addressed

- ✓ How does the Apple/IBM alliance fit into Apple's overall strategy?
- ✓ On what hardware platforms will the Macintosh OS run?
- ✓ What does the future hold for Macintosh System 7?
- ✓ What is Apple's RISC strategy and what about CISC systems?
- ✓ What is Apple's Unix strategy and what about A/UX?
- ✓ Where does the Taligent joint venture fit into the strategy?
- ✓ What is the Kaleida joint venture all about?



THE ROCKETEER

WEDNESDAY, APRIL 1, 1992

NAVAL AIR WEAPONS STATION, CHINA LAKE

Vol. 48, No. 13

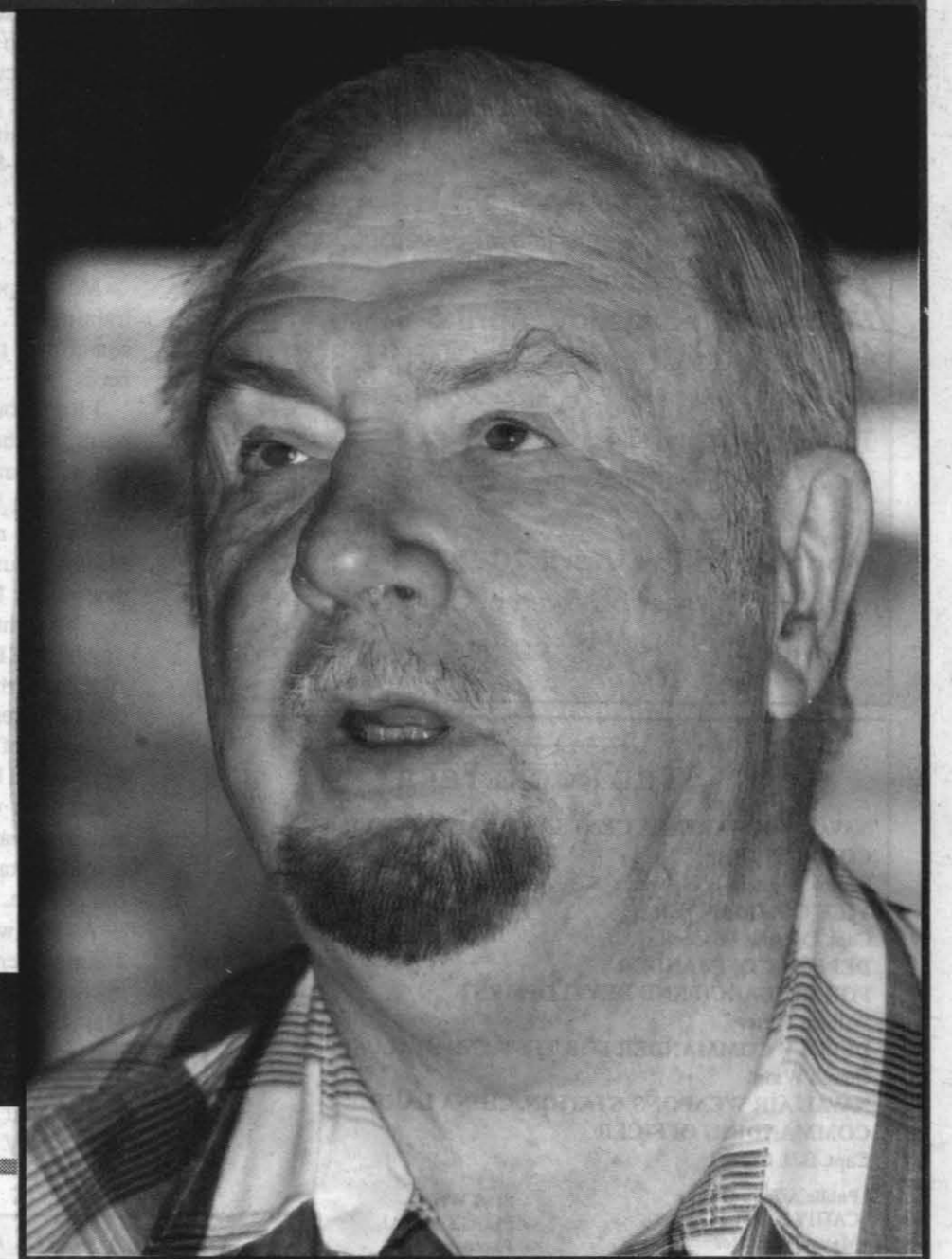
Noted geophysicist suing the Navy— his trademark goatee turns green

Dr. Pierre St. Amand claims \$30 million in punitive damages, believing other researchers knew of the risks involved in weather modification, but failed to let him in on the secret.



Dr. Carl F. Austin

A LONG-TIME RIVAL SAYS, "HE HAS BEEN GREEN WITH ENVY OVER MY GEOTHERMAL SUCCESS FOR YEARS. LOOKS LIKE IT'S JUST WORKED IT'S WAY TO THE SURFACE."



Public Affairs Office declines comment

See Complete Story on Page 23

GREEN GOAT—Dr. Pierre St. Amand, visibly shaken by the overnight change in his appearance, says weather modification research for the Naval Ordnance Test Station is responsible.



NAWC scientists examine miracle baby

A child delivered two months premature by the captain of a submarine on cruise beneath the polar cap recently took her first steps at just six months old. Scientists at the Station believe the phenomenon resulted from the child being kept in a torpedo tube converted into an incubator by a brilliant team of boiler technicians.

SPECIAL APRIL FOOLS EDITION

See Complete Story on Page 25



The Commanding Officer's Desktop



The Commanding Officer's Desktop is a forum for China Lakers who have questions of broad interest. It is not the intent of this column to circumvent the normal chain of command. Questions may be called in to 939-2727 or mailed to "CO's Desktop, C/O Code 0033, NAWs, China Lake.

QUESTION

I recently attended a MacAcademy seminar in San Diego, Calif. I cannot tell you how much I thoroughly enjoyed this two-day seminar. I learned more than I had anticipated I would. After the classes I talked with Dee Dee Mottet, who is a director for the MacAcademy and discussed the possibility of bringing the MacAcademy to China Lake. She has informed me that the academy can now customize training to one-on-one situations or whatever is suitable for our needs. I feel there is a real need for this type of training here at China Lake. The MacAcademy explores phases of the Macintosh that most of us are unaware of and may never have the opportunity to learn.

Most departments are not able to send several employees for training off the base due to funding constraints. Unfortunately, sometimes the classes at China Lake are not adequate for our needs.

I know our classes at China Lake fit a lot of the Mac users' needs, but there are a great number of procedures and shortcuts, if you will, that I learned during my two-day seminar that I would not have gotten from a class here. If the MacAcademy can now customize our needs, why not look at what the needs really are for Macintosh users? MacAcademy can take us beyond what we ever thought our Macintosh's were capable of, not to say what we as users thought was possible.

ANSWER

Most of the training offered at China Lake is scheduled and budgeted as a result of the annual needs assessment process held in the beginning of April each year. This process includes reviewing training planned by each civilian employee after supervisory review and discussions with China Lake management, special interest groups and organizations. Each course scheduled has to meet three criteria: it is important to the base's mission, has high quality and is cost competitive.

As you will see in the *Announcements* section of this issue, the Training Center investigated the possibility of bringing MacAcademy to China Lake, and, in fact, the first MacAcademy session starts May 4. The Training Center personnel continue to seek cost-effective means to bring training to our employees.

Additionally, many of the MacAcademy sessions are available on two-hour VHS video tapes from the Code 224 Self-Paced Learning Library. To find out about availability, call Tammy Berry at 939-2451.

April 5: Set clocks ahead 1 hour

Surplus property auction set tomorrow

Local Auction 41-2299 of surplus government property will be held by the Defense Reutilization and Marketing Office at China Lake on Thursday April 2, 1992.

The auction will begin at 9 a.m. in Building 1073, Warehouse 41, and the public is encouraged to bid.

Among the 200 items to be offered will be 30, 45, and 150 KW generator sets, work benches, storage lockers, gas and diesel engines, desks and chairs, jeep, safes, M151 trans-

missions, fuel storage tanks, pickup trucks, 4x4s and 60,000 pounds of used tires.

The items are on display for inspection today (Wednesday) until 2:30 p.m. A complete list as well as sales terms and conditions can be seen at Building 1073 Warehouse 41.

Registration begins at 7:30 a.m. on the day of the sale. Bidders must be present and registered to bid.

Mailed bids cannot be accepted. Items purchased may be removed on the sale date

Pages From The Past

April 2, 1982

Under an Office of Management and Budget mandate, NWC is doing a study on contracting out base support services... Navy search and rescue crews saved five lives last fiscal year... Tom McGill, Cdr. Perry Patterson and Tom Dodson were honored by Capt. Lahr for a long-term burro management plan.

April 7, 1972

Workers dismantled a B-29 Superfortress for shipment to a war museum in Seoul, South Korea... Al Barrett earned a patent for a "restraining collar device for squibbing missile motors... RAdm. WJ. Moran hosted a day-long visit by the Bakersfield Chamber of Commerce.

April 6, 1962

Lt. Clifford Treese, NOTS communications officer, was killed in a jeep accident near Townes Pass... Ken Heyhoe returned to China Lake after a decade away... TV star Robert Young visited NOTS and signed autographs... RAdm. P.D. Stroop, Chief, Bureau of Weapons, is set for a NOTS visit next week.

April 2, 1952

Workers resumed efforts to get Schoeffel Field ready for the first NOTS Rockets home baseball game in 11th Naval District competition... Signe Walter, 13, broke her leg in a fall from her horse while riding near B Mountain... The annual Father Crowley Memorial Mass is set this weekend... Because there is a surplus of unloaned money, The Credit Union has imposed a \$2,500 limit on individual accounts and a \$300 per month maximum deposit per account.

provided full payment is made. The Defense Reutilization and Marketing Office (DRMO) is located within the Naval Air Warfare Station's (NAWS) interior security fence line, prospective bidders without a NAWS pass must stop at the main gate visitor's center and obtain a pass before coming aboard. Everyone must present photo identification and may be subject to vehicle inspection before being allowed entry onto the base.



Skywest offers reduced fares to Los Angeles

SkyWest Delta Connection has reduced fares between Los Angeles and Inyokern. The company is offering a \$59 fare, completely void of purchase and

travel restrictions. Flights depart Inyokern for Los Angeles daily at 6:30 a.m., 9:30 a.m., 1:20 p.m., 4:05 p.m. and 6:35 p.m.

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What's happening

On Friday, April 3, the China Lake Astronomical Society will hold a star party at its site south of Ridgecrest. The fun should start about 7 p.m. For directions to the site, call 375-3697 or 375-5681.

Members of Boy Scout Troop 803 will be holding a car wash in the rear parking lot of Burger King, 139 N. China Lake Blvd., from 9 a.m. to 1 p.m. on Saturday, April 4. Fees are \$3 for cars

and \$5 for trucks. Proceeds support registration, camp fees and *Boys Life* magazine renewals.

Members and anyone interested in furthering literacy are invited to the IWV Literacy Council meeting set for 7 p.m. on Thursday, April 9, at the Literacy Center, 815 Bowen Street, China Lake. To learn more about the Literacy Council, call Carol at 371-4097 or Joy at 446-5227.

China Lake Calendar

Thursday, April 2
• Surplus Government Property Sale.

Saturday, April 4
• Month of the Young Child Children's Fair, 10 a.m. to 1 p.m., Fairgrounds.

Sunday-Saturday, April 5-11
• National Library Week, fines for overdue materials waived at China Lake library.

Monday-Wednesday, April 6-8
• Navy-Marine Corps Relief Society class, 8:30 a.m. to 12:30 p.m., 1811 Lauritsen Road.

Tuesday, April 14
• WACOM Style Show and lunch meeting, 11 a.m., Seafarer Club.

Monday-Friday, April 20-24
• Secretaries Week observed at China Lake

THE ROCKETEER
NAVAL AIR WARFARE CENTER - WEAPONS DIVISION
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RAdm. William E. Newman
VICE COMMANDER
Capt. Douglas W. Cook
DEPUTY COMMANDER
FOR RESEARCH AND DEVELOPMENT
William Porter
DEPUTY COMMANDER FOR TEST AND EVALUATION
Gerald Wroat
NAVAL AIR WEAPONS STATION, CHINA LAKE
COMMANDING OFFICER
Capt. B. J. Craig Jr.

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Staff Writer
PEGGY SHOAF
Photographer
TERRY PASCARELLA

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PERSONALS.....1
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SERVICES/SCHOOLS.....15
RENTALS.....20
REAL ESTATE.....25
BUSINESSES.....30
AUTOMOTIVE.....35
MISC. FOR SALE.....40
PETS & SUPPLIES.....45
GARAGE SALES.....50

DEADLINE FOR ALL CLASSIFIED LINE ADS IS 4:30 p.m. TUESDAY

15 SERVICES/SCHOOLS
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GUITAR LESSONS - Study with GIT GRAD and Instructor. Beginners to advanced. 371-7934. (0422)
Car won't start, have flat tire, need oil change, need minor maint. or repair, lock your keys in your car - call the Road Doctor Auto Service at 446-5043. We Come To You. Lic #92-05420. (0415)
RESUMES THAT GET INTERVIEWS. Don't Pay Too Much! Call Us. (619) 446-1629. (0422)
LANDSCAPE OIL PAINTING by Donnie Woods. Local Desert Scenes. Commissions accepted. Call 375-7243 eves/wkends. (0401)

20 RENTALS
REDUCED \$30. Spacious 2BR, 1BA Triplex. D/W, G/D, laundry nook, fenced patio. Very cooperative landlord. Section 8 applicants welcome. Discount for seniors or 9 mo. lease. \$405/mo. W/T pd. Leave msg. at 375-7384. (0520)

35 AUTOMOTIVE
BEST 1BR in R/C. Free cable makes \$360/mo. a bargain! Prime location, convenient to shopping. Quiet, excellent condition. 375-5425. (0401)
NICE 3BR, 2BA, laundry room, refrigerator, stove, FP. 313 N. Sunland. \$575/mo. 375-2091 or 375-8087. (0408)
LARGE 3BR Heritage Townhouse with swimming pool, tennis courts, weight room privileges. \$800/mo. Call 384-1916 after 5:30 p.m. (0408)
83 NISSAN 2WD PICKUP KING CAB. Mag rims, new tires, 99,000 miles. Excellent cond. \$2500. After 5 pm and weekends call 446-5793, ask for Rich. (0401)
91 HARLEY SPORTSTER Deluxe. 1800 miles, belt drive, 5 speed, black. \$4800. 446-6384. (0401)
1990 YAMAHA VIRAGO 750 cc, low miles, xlt. cond. \$3800 OBO. 446-1570. (0408)
1978 FORD F-250 4X4. Low miles, new rear tires, pull-out stereo, etc. \$4,000 OBO. 446-4354 or 446-9402. (0429)
83 NISSAN STANZA - 4DR hatchback, new tires, brakes, battery, ignition control, cap & rotor and more. Must sell. \$1,650 OBO. Call Bat or Bill, days at 446-5101. (0401)
89 HONDA CR 500 and trailer. \$2,500. 446-7895, lv. msg. (0415)
1991 ACCURA INTEGRA LS - Loaded, new, only 12,000 miles. Retiring, must sell. \$14,500. Call Nel. 446-5926. (0401)
HONDA GOLDWING, 1983. Many accessories, low mileage. Excellent condition. \$3,500.00. 375-9589. (0401)

40 MISC. FOR SALE
LADIE'S BICYCLE, 23" frame, blue, like new condition. \$100. 446-4754. (0422)
EZ LIFT TRAILER TOWING ASSEMBLY. 750 lb. rated. \$180. 446-0951. (0422)
COMMODORE 128D. Complete system. All Commodore components. Video monitor, two printers; 1 wide carriage Daisy Wheel, 1 dot matrix, mouse, two extra drives. 1571 & 1541. Lots of software & manuals. All original boxes. Approx \$2,000 invested. \$600. Blake. 384-1419, lv. msg. (0325)
5 PIECE LIVING ROOM SET. \$600 OBO. 446-7172. (0408)
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SPORTS



TRY ME—Matthew Woolley prepares for the incoming puck.

Youth roller hockey league forms, an adult league will be created if there's enough interest manifested

By Peggy Shoaf
Staff Writer

Roller hockey is coming to China Lake. According to Debra Oliver, head of the Naval Air Weapons Station China Lake Youth Center, a youth roller hockey league is being formed now, and if enough interest is shown, an adult roller hockey league will be formed in the near future.

Registration for the youth league is being taken at the Youth Center, and the deadline to register is April 10. Oliver says adults who are interested in an adult league should call her at 939-2909.

The youth season begins May 2 and runs through June 13, with games being played on Saturday evening. However, if there is a larger-than-expected turnout for the league, some games may be played on Friday night, Oliver says. Practices will be held on weekdays.

Cost for the league ranges from \$14.50 to \$18.50 for military personnel with ranks E1 through O4, \$19.50 for Department of Defense personnel, \$20.50 for department heads and mili-

tary personnel with the ranks of O6 and above, and \$21.50 for all other dependents. There is a \$2 discount for the second child in a family registering in the league.

Protective gear must be worn by all the players, Oliver notes. The Youth Center has the basic safety gear, but if parents or players want more than that, they will have to provide it themselves, she says.

"We need to wait and see if this league will be a success before we can spend that type of money on equipment," Oliver explains.

The only other requirement for the league, is to know how to skate.

"We were looking to provide something different," Oliver says, "and we noticed quite a few children playing roller hockey in parking lots and decided the interest was there."

"It's great they're creating a league," says one prospective player, Matthew Woolley. "My dad is suppose to sign me up tomorrow. It's a great sport!"

"It's a great sport!"

—Matthew Woolley

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L26	6MB	140, 170	410
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L28	16MB	900 SIMMs (L-shape)	\$759*
L29	16MB	700 SIMMs (low-profile)	759*
L30	256K	700, 900 video SIMM	69*

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AC1 Thomas Cody is Bluejacket of the Year

Air traffic controller takes top honor

By Deborah Salgado
Technical Information Department



HUMILITY is reflected on the face of AC1 Thomas W. Cody as he accepts Bluejacket of the Year congratulations from NAWCWPNS Commander, RADM. William E. Newman.

Except for the sound of an envelope being torn open, the room was silent. Six sailors, three each from the then Naval Weapons Center China Lake and Air Test and Evaluation Squadron Five (VX-5), stood at the front of the room, nervously awaiting the announcement of the 1991 Bluejacket of the Year. RADM William E. Newman, commander, Naval Air Warfare Center Weapons Division and Capt. Garth Van Sickle, commanding officer, VX-5, stood near the candidates, ready to shake the winner's hand. The silence was broken when AC1 Thomas W. Cody Jr.'s name rang from the loudspeakers.

"It was like a dream. When they called my name, I was shocked and surprised," said AC1 Cody, who was an NWC candidate. The local award, sponsored by the Indian Wells Valley Council of the Navy League, is presented annually to one sailor who represents the Navy's finest. This year, with the award came nearly \$1500 in cash and prizes, plaques from the Navy League and the Naval Weapons Center, and surprisingly, the key to the city. No wonder AC1 Cody felt so overwhelmed. The only thing he remembers about the actual winning moment was seeing his wife smiling at him from her seat nearby.

The presentation of the award took place at the Seafarer Club Saturday. Each Bluejacket candidate had a table where relatives, friends and sponsors joined them for dinner and the ceremony. Other VIP guests, including NAWCWPNS Commanding Officer, Capt. and Mrs. B. J. Craig Jr., NAWCWPNS Vice Commander, Capt. and Mrs. Douglas W. Cook, Master Chief and Mrs. Billy Keeler and Master Chief Barbara Fears, sat at tables in the center of the room flanked by the candidates' tables. Each table was festively decorated with blue and gold table linens accented by white flower arrangements with blue and gold ribbons. The mood was spirited, yet it held a note of somberness. Each guest seemed to understand the prestige this award holds and the value the candidates place on it.

Following the dinner, RADM Newman spoke to the gathering. Mixing reflections from his career with enthusiastic words of support, he expressed his admiration for the young men and women who serve in today's Navy. "When the going gets tough, the North American Bluejacket gets going," Newman stated. He is impressed with the sense of purpose he's seen demonstrated by young sailors like the six nominees for the Bluejacket award. In his eyes, these six young men are all winners. They are continuing a heritage of service and valor, and represent thousands of men and women in the Navy who are doing their jobs very well. He ended his remarks by telling the candidates, "Here's to them, and here's to you."

Capt. Van Sickle also had some words of encouragement and thanks for the six nominees. He reminded the guests that the work of sailors like these is often not visible to the public. At sea, the dangerous and demanding work forms a bond between sailors that is hard

Please see **BLUEJACKET**, Page 4

Bellen surprised with Michelson Award

Alex Bellen joined an elite group of China Lakers when he became the latest recipient of a Michelson Laboratory Award.

spent five years active duty in the Navy, including three years at the Naval Missile Center, Point Mugu.

Bellen, head of the Electronic Combat Range Department, was recognized for his achievements in leadership, managerial excellence and development of "Echo Range" into the Navy's premier electronic combat facility.

Because Bellen was on travel when the Michelson Laboratory Award ceremony was held last month, he was surprised with the award by Capt. Douglas W. Cook and Bill Porter at a recent China Lake Site Coordination Meeting. Very much surprised by the award, Bellen said he hadn't been alone in reaching these heights as he praised the people he had worked with throughout his 25 years at China Lake.



Alex Bellen

A graduate of Greenville College in Illinois, he the customer. The citation concluded, "Due to his commitment and leadership, EWTES is prepared to meet the electronic combat T&E requirements of the nineties and beyond."

APRIL FOOLS!

For the record, the cover is entirely a hoax. St. Amand will be profiled in an upcoming piece—we just caught him on St. Patrick's Day.

Energy Conservation Office

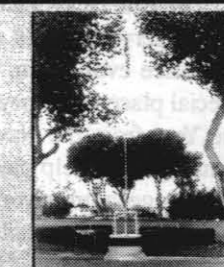
China Lakers urged to help conserve energy.

Month of the Young Child

Four-year-olds at the China Lake Day Care Center talk about life.

The Weather Report

	Max.	Min.	Gusts	Precip.
Tues	71	38	8	
Wed	63	41	6	
Thurs	75	45	7	11
Fri	64	51	12	
Sat	72	42	6	
Sun	74	44	11	
Mon	70	47	14	





LIGHTHEARTED kidding from NAVS Command Master Chief Billy Keeler is accepted well by AD1 Dennis Graumann and wife Barbara (center). Cdr. Chip Mills, XO, who retired Graumann, joins in the hilarity.

AEDO career manager on Station April 7

On April 7, Cdr. John Batog, Aerospace Engineering Duty Officer detailer, and LCDr. Bill Nevius, AEDO career manager, will visit China Lake to talk to all Aerospace Engineering Duty Officers and those interested in learning more about the AEDO career.

The visit will start off with a State of the

AEDO Community Brief at 9 a.m. in Michaelson Lab's Conference Room 1000D. Individual interviews, or group discussions, will follow.

Cdr. Hartman, China Lake's point of contact, reminds military members that the AED/AMD/URL MP West Coast Symposium is scheduled for April 9 and 10 in San Diego.

BLUEJACKET from Page 3

to duplicate. The Bluejacket award provides those sailors external recognition that shows their efforts are appreciated by not only their shipmates, but also by a grateful country.

Other nominees included AO1 Lionel Brown, AME1(AW) Miles Ernst and AMH2 Kenneth Ireland, from VX-5, and AO1 Patrick Dorman and IC1(AW) Darnell Farmer, the other NWC candidates.

The candidates were screened by a panel of senior enlisted personnel from VX-5 and NWC who selected the winner in a closed-ballot vote based on a review of the candidates' service records, community involvement, and interviews. They asked questions on a variety of topics encompassing everything from Navy history and standards to current events and politics.

The real surprise for each candidate came at the end of the interview when they were asked to tell their best joke. Many candidates weren't prepared for this impromptu request. But Petty Officer Cody was. "Actually, I had to remind them to ask me for a joke," he says. His good humor and easy going nature helped him through the intense questioning by the selection panel.

The Bluejacket recognition will be added to Cody's service record and reflected on his performance evaluation. The award gives him a special place in history as the last Bluejacket of the Year from the Naval Weapons Center. His winnings will help pay for the final months of college coursework he needs to earn his bachelor's degree teaching certificate. Not only that, but as he says, "It's a helluva confidence boost!"

Along with the cash awards he received, Cody was awarded a gift certificate for dinner at the Carriage Inn, a \$200 shopping spree at J.C. Penney, a gold quartz watch with flags in place of numerals, and flowers from Mayfair Florists. Each candidate also received a cash award for their nomination for Bluejacket. The Navy League raised over \$2900 in cash and prizes to award to the six special sailors.

"This activity is really the Navy League's biggest event," says Navy League's second vice-president, Bud Biery. The Navy League is a service organization whose members are civilians, civil servants, retired military personnel and reserve officers. They often invite local retired or active members of the military to speak at their monthly meetings, which are open to everyone.

At the end of the evening, Ridgecrest Mayor Condos read a proclamation in honor of AC1 Cody. The proclamation stated, "Americans have enjoyed so many freedoms in this land of liberty largely because of the efforts of people like Thomas Cody, who is working daily as a member of the Navy, Ridgecrest's mother community, to preserve our freedoms."

On behalf of the the city council and the City of Ridgecrest, she thanked him for a decade of diligent service. Along with her congratulations, she handed him a gold key to the city, a rare honor reserved for dignitaries. This gift not only symbolizes our community's gratitude, but it means that Cody is always welcome in Ridgecrest.

Before handing it to him, Mayor Condos added, "And we promise not to change the locks."

MILITARY NEWS

AD1 Graumann leaves Navy, but stays in area after eight years on two tours in desert

Since March 20, there's been a familiar face missing from the Quarterdeck. AD1 Dennis Graumann, who served as leading petty officer at the Quarterdeck from April 1990, retired from active duty and transferred to the Fleet Reserve on that Friday. He's been aboard Station the last six years, and this was his second trip to China Lake.

A native of Kenosha, Wis., Graumann worked for Case Tractors in Racine for a while after high school, but decided to join the Navy in 1966 rather than being drafted into the Army. "At six-foot, two inches, I'd have had to dig some pretty deep foxholes," he joked.

Graumann went through recruit training at Great Lake, Ill., then on to Treasure Island to await orders. When he got those orders, he shipped out for Vietnam aboard the landing ship *USS Point Defiance* as a machinist's mate (MM). "They didn't need a radioman or a machine repairman, which is what I scored high in," he said, "but in high school, I'd worked part time at a machine shop that belonged to a friend's family, so they made me a snipe. We were the guys who were always down in the engine, away from the sunlight and in the grease. We always had white skin and dirty clothes."

Returning from that first cruise, Graumann was stateside for two weeks when he received orders to report by that midnight to the *USS Princeton* for his second Vietnam tour.

In 1970 he left the Navy and tried on civilian life. He owned two taverns in Kenosha and was an independent trucker. But times got tough in 1974. During the truckers' strike that year he had his windshield and a tire shot out; so he parked his truck. And the closure of an automobile plant cut back the tavern trade. In 1975, he sold the tavern lock, stock and barrel to a new bowling alley that needed his license, got rid of the truck and rejoined the Navy.

While awaiting orders to "A" school he met an aviation machinist's mate who was also coming back into the Navy. When the orders came, Graumann was sent to ADR (aviation machinist's mate, reciprocating aircraft) "A" school, and his friend went to MM "A" school. "I still think, to this day, they got our orders mixed up," he said.

From "A" school he went to Fleet Composite Squadron Five Detachment, Cubi Point, Republic of the Philippines, where a knee injury landed him working light duty in the military customs and immigration office.

In 1977 he returned stateside to Moffett Field, assigned to Patrol Squadron Thirty-one (PV-31). After several months he joined another Moffett-based squadron, PV-48, catching up with it on duty in Adak, Alaska.

Then in the fall of 1979, he reported to the then Naval Weapons Center, China Lake, working in aircraft maintenance and maintenance control. He noted he was involved in some of the first efforts to convert F-4s into drones.

He left in January 1982, and after a four-year tour with Attack Squadron One Forty-five, he returned to China Lake in January 1986. He worked in quality assurance for a year before becoming the assistant chief master at arms and command investigator, where he worked with the Naval Investigative Service and the CLPD detective division.

Further complications with his knee saw him put on military hold at China Lake, and he took up his last position, as leading petty officer at the Quarterdeck in April 1990.

About leaving the Navy, he said, "The horse is ready, the road is black; I'm ridin' off, and I ain't lookin' back."

He didn't ride too far, however. Just to his small spread off Inyokern Road in China Lake Acres. His family is happy there with their horses and dogs. He claims to be looking for work, though not too actively, and he's got a couple of irons in the fire for business opportunities. But for now, he's just enjoying his retirement.

National theme: Their future is in our hands

Photos by Terry Pascorella



TOGETHERNESS is also part of the learning experience at the China Lake Children's Centers. Children especially like the closeness generated when teacher Becky Richardson reads to her students.



LEARNING while playing is part of growing up.

SCHEDULE from Page 16

April 23—Annual Public Awareness Walk by the staff, children and parents of

the Children's Centers at China Lake, 9 a.m.

•April 24—Story Lady, Kern County Library, 4 p.m.

•April 26—Story Times, China Lake Library, noon to 12:30 p.m.

•April 30—Open House, James Monroe Junior High School, 6:30 p.m.

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Example 1: You need 20ea WordPerfect for Windows (list \$495): Instead of 20 x \$289 = \$5760, you buy 1ea 20-pack for \$2649 & spend a bit of the savings on better-than-the-manual books. **Example 2:** You need 20 network copies of Microsoft Word for Windows: Buy 20 originals for \$6514 or 1 network copy & 19 network add-ons for \$5415 or, if eligible, 20 upgrades for \$2620. **Example 3:** You need to replace 10ea various-brand spreadsheets: you buy 1ea Borland Quattro Pro 4.0 competitive upgrade 10-pack for only \$886. DOS: See below.

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Month of the child: China Lake four-year-olds talk about school, friends, family and what it means to be young

By Peggy Shoaf
Staff Writer

Children are this country's most important assets, says Camie Fielder, head of the Children's Center's at Naval Air Weapons Station China Lake. To highlight this fact and to make the public aware of the importance of protecting these young people, April celebrates the Month of the Child.

Last week, four-year-olds in the China Lake Children's Centers talked about going to school, their likes and dislikes, their favorite people and how they like being a child.

Under the care of the lead teacher, Becky Richardson, and Vicki Watson, the four-year-olds were enthusiastic about attending their "school," although the majority of the children felt nap time could definitely be eliminated. Megan Hiser summed up her classmates' feelings when she said, "I like going to Sunday School the best, they don't take naps!"

While in school, favorite activities among the children being interviewed were reading books, playing with the blocks, games and their friends, and playing outside. However, Christena Tozel objected to the books. "I can't read so I don't like it," she said vehemently. "I like playing the best!"

Once children leave home and start attending school, they start interacting with people outside their families on a daily basis and form strong attachments. The majority of the children said they love their "bestest" friend(s) most in the whole world, but Jason Chitwood

said he likes his dog, Jake, the best. Katie Leighton likes her whole family the most, and "mommy" is Stacie Gordon's choice. Megan said she likes Becky, her teacher, the best because "she talks to me nicely."

Family life is an important aspect in the children's lives, and they eagerly talked about their families. While only one could actually say what their parents do as far as work goes, many had an opinion.

"My daddy works in the Navy in a blue building," said Jason. "Mommy cleans floors, goes to work and plays football with me."

Anna Person said her mother takes care of her puppies and her dad plays football at work everyday.

Brandon Jorgensen, a student in the class supervised by Peggy Little and Julie Walston, says his mother

"washes the house" and his "daddy tells her what to wash."

Childhood is something everyone goes through, and how the children feel about being young varied. Stacie likes being a child because she "can cry," while Katie and Scott Johnson like it because they can play. "Adults don't play," Katie explained.

Corey Gillenwater doesn't like school and doesn't like being a child. "I want to play outside," he said. "And I don't want to be a child. I want to be a big boy. They can do whatever they want."

That's life through the eyes of some of the children at the NAWS Children's Center's.

And, Fielder says, as the month's national theme indicates, "Their future is in our hands."

Activities planned to increase public's awareness of children

Staff and children of Naval Air Weapons Station China Lake Children's Centers will be joining Ridgecrest organizations in activities this month to increase public awareness of the valley's children, the dangers they face and to recognize the valley's caregivers.

Planned activities are:

- April 1—Two- and Three-Year-Olds Recognition Bag Lunch, with parents, 11:30 a.m. to 12:30 p.m., Norma Square Preschool.
- April 2—Second Annual Caregiver Recognition Evening, 7 to 9 p.m., Community Connection for Child Care.
- April 3—Preparing For Drug-Free Years, 6:30 p.m., Faller School; Story Lady, African Folk Tales, Kern County Library, 4 p.m.
- April 4—Children's Fair, Desert Empire Fairground, 10 a.m. to 1 p.m.
- April 5—Story Time, China Lake Library, noon to 12:30 p.m.
- April 6—Open House, Heritage Montessori, 6:30 to 8 p.m.
- April 7—Play Therapy Workshop, Desert Counseling Clinic

(DCC), 9 a.m. to 4 p.m.; Mesquite's Open House, 7:30 a.m. to 2:15 p.m.; Storytelling, Kern County Library, 4 p.m.; Science Fair, 6-8 p.m., Burroughs High School.

- April 8—Bag Lunch Recognition for four-year-olds and their parents, 11:30 a.m. to 12:30 p.m., Norma Square Preschool.
- April 9—Worthy Wage Day, Seafarer Club, 7 p.m.; Storytelling, 4 p.m., Kern County Library.
- April 11—Junior Olympics, all day, Burroughs High School; Children's Self-Help Project, Maturango Museum, 2 p.m.
- April 12—Story time, China Lake Library, noon to 12:30 p.m.
- April 14—Jazz Band Concert, 7:30 p.m., Burroughs High School.
- April 15—Children's Self Help Project, 7-8 p.m., Community Connection for Child Care.
- April 16—Pet Parade, Richmond Elementary School.

Please see **SCHEDULE**, Page 17

Chapel Call

By LCdr. S.A. Caslmano, CHC, USN
Command Chaplain



Putting it all in the Father's hands

One of Jesus' great messages might be summed up simply in the words: "God is your Father Who loves and cares for you." He spoke this message in so many different ways: "Are not two sparrows sold for a farthing? And yet not one of them will fall to the ground without your Father's leave. . . Therefore, do not be afraid: you are of more value than many sparrows." (Matt. 10:29-31). "Look at the birds of the air: they do not sow or reap or gather into barns; yet your heavenly Father feeds them. Are you not of much more value than they?" (Matt. 6:26). "Therefore, if you, evil as you are, know how to give good gifts to your children, how much more will your Father in heaven give good things to those who ask Him!" (Matt. 7:11).

Because of our scientific and sometimes secularistic way of thinking, we often tend to forget that it is, after all, God Who provides for us and cares for all of our needs. More often than not, we do not bother to ask God for ordinary things, forgetting that Jesus told us to ask Him even for our daily bread. We are inclined to think of God's care for us only when things go wrong or when we seem to lack what we need. Then we ask: "Why doesn't God do something about this? Why does He let me suffer?"

Over and over the message of the Scriptures is that we should feel free to cast all our anxiety upon God, precisely because God cares for us. Again and again, the Scriptures tell us that if we must suffer for a little while, it will be for only a little while. If we cannot rectify certain injustices, if we do suffer from lack of things that we think we need and can do nothing about, be assured that God, Who loves us and cares for us, is permitting this suffering, this deprivation for a good reason which He alone knows.

In the end, we must realize our own inadequacy, our own weakness, our complete dependence on God. The arrogant individual does not need to rely on anyone. . . or so he or she believes. Such a person has confidence in himself or herself alone, a terribly shaky foundation built precariously upon pride. If we are humble and trusting and love God enough to "let go and let Him take over," we are ultimately allowing Him to be the perfect and loving Father that He is, and that is a job that He does so very well.

Spring savings at Navy Exchange

Save at your Navy Exchange (NEX) with seasonal values to help you get ready for the warm weather. The Spring Sale at the NEX runs April 8-12.

Capture the dawning of spring with an auto focus 35mm Pentax camera for just \$59.99. And stock up on NEX brand film at 15 percent off plus a 50-cent coupon.

If you're hitting the tennis courts this spring, save \$10.00 on a Prince Pro 110 tennis racket. Or get a combination badminton/volleyball set for those backyard barbecues for just \$12.99.

Planning a getaway vacation? Pack your belongings in Travelers Club luggage. A 5-piece set for just \$69.99 will get you set for where you want to go.

Help your kids enjoy the spring with an array of fun toys from Little Tikes. A play slide for \$23.99, a picnic table for

\$29.99 or a climb 'n slide treehouse for \$99.00 will be sure to put a smile on your child's face.

Need new spring clothes? It's easy to expand your wardrobe without spending a fortune at the NEX. Save 20 percent on New Crew short sleeve knit shirts for young men. Ladies, don't get caught in the heat. Pick up a short sleeve romper for just \$14.99 at the Navy Exchange. Toddler short sets are only \$5.99. And the NEX has Hurache sandals for the whole family. Boys and girls for \$8.99, women's for \$11.99 and men's for just \$14.99.

More great values on many other items are highlighted in the NEX Spring Sale Circular. Look for extra pages in the circular with savings on consumer electronics by JVC, athletic shoes, sporting goods and more!

CHAMPUS to pay for marriage counseling

In the near future, certified marriage and family therapists will be allowed to treat CHAMPUS-eligible patients, without referral or supervision by physicians, if the therapists accept the CHAMPUS allowable charges as full payment.

New regulations supporting this provision in the Defense Department's Fiscal Year 1991 Authorization Act have

been published in the Federal Register.

After a period of public comment, the final regulations will be published, becoming effective shortly thereafter. After the effective date, marriage and family therapists will be able, within the regulations' guidelines, to provide services to CHAMPUS patients without physician referral and supervision.

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It's been said that you can't buy upgrades via bankcards. We asked the source: You can't turn in an old computer for a new one but you can buy parts upgrades such as this ad's case, power supply, motherboard.

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Dinner—Monday through Friday, 1630-1715; Saturday, Sunday and holidays, 1630-1715.

Airfield Galley: Lunch—Monday through Friday, 1100-1200; Saturday, Sunday and holidays, closed.

Dinner—Sunday through Thursday, 1830-1915; Friday, Saturday and holidays, closed.

Compu Chatter

By Donna Hanson
PC Lab

Virus Update

A new Macintosh virus has been reported. It is a malicious virus and is called INIT 1984. It is designed to trigger if an infected system is restarted on any Friday the 13th. The virus damages a large number of folders and files. File and folder names are changed to ran-

dom 1-8 character strings. File creators and file types are changed to random 4 character strings. This changes the icons associated with the files and destroys the relationships between programs and their documents. Creation and modification dates are changed to Jan. 1, 1904. In addition, the virus can delete a small percentage (less than 2%) of files.

The virus only infects INITs. It does not infect the System file, desktop files, control panel files, applications, or documents. The virus spreads from INIT to INIT at startup time.

The virus affects all types of Macintoshes. It spreads and causes damage under System 6 and System 7.

Disinfectant 2.7.1 will detect and irradiate the INIT 1984 virus and is available in the PC Lab.

Empower and Quickmail 2.5 Conflict

A problem has been reported with Empower 4.0 and QM 2.5. The Quickmail INIT overwrites the password information stored in Empower's memory when it goes into the idle mode. Empower will not accept the password unless you shut down and log in again. Sometimes a system crash occurs. Empower 4.07 is a free upgrade and handles this conflict, it can be obtained by calling Magna Customer Service (408)282-0900.

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 Blandly & 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 (375-0385 Messages)

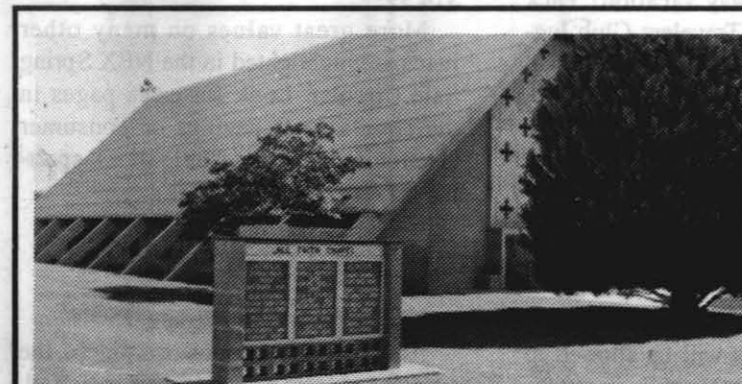
Weekly Services (East Wing), Friday 7:30 p.m.
Adult Hebrew Lessons (East Wing), Saturday (September thru June) 3:00-5:00 p.m.
Religious Education (East Wing), Sunday (September thru June) 9:30 a.m.-12:30 p.m.

Roman Catholic

Sunday Mass, Main Chapel 9:00 a.m.
Daily Mass, Small Chapel 11:35 a.m.
Confessions, Weekdays By appointment
Religious Education Classes, Sunday (September thru May)
1902 Dibb, 1002 Blandly, 1008-10 Blandly & 1903-05 Mitscher 10:15 a.m.
Scripture Classes, Tuesdays (October-January) 'St. Ann's Parish Hall 7-8:30 p.m.

Islamic

Jumaa Prayer, Friday (1002 Blandly) 12:00 p.m.



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MWR

Movin' On Up Summer Program

Lists are already forming and parents need to contact the Youth Center

Parents who plan on enrolling their children in Movin' On Up Summer Program at Naval Air Weapons Center China Lake Youth Center should call Debra Oliver, the center's manager, at 939-2909 as soon as possible.

According to Oliver, people are already registering for the week-day program for kindergartners through sixth grade students and parents who want to

utilize this program need to register as soon as possible.

The program is only open for military and DoD dependents. Fees range from \$43 to \$50 per week.

Activities during the summer day camp for children include gymnastics through the Sierra Academy of Dance, swimming, arts and crafts, bowling and matinees.

Craftech offers Wood Shop class

Starting the first Tuesday of April, wood workers can take a Wood Shop class at the Naval Air Weapons Station China Lake Craftech Center. An open class, participants can bring projects of their own to work on. The class starts at 5:30 p.m.

However, according to Pat Piroaska, Craftech's manager, all wood working patrons must complete a safety class before they can begin their wood working projects.

To register in either the wood working or safety class, call 939-3252.

Even good for non-swimmers

Don't exercise, aquacize

Aquacize on Tuesdays, Wednesdays and Thursdays from 9 to 10 a.m. or from 5:15 to 6:15 p.m. at the China Lake Gymnasium Indoor Pool.

Monthly fees are as follows:
Three days a week: \$20 for military personnel, \$24 for DoD personnel and \$26 for all others; and

Two days a week: \$16 for military personnel, \$20 for DoD personnel and

\$24 for all others.
Daily fees are \$2.50 for military personnel, \$3 for DoD personnel and \$3.50 for all others.

"This water program is a different way to get some exercise," said Elaine Arnell, head of the Morale, Welfare & Recreation Department's Sports Division. "Even non-swimmers will enjoy it."

Racquetball challenge issued

Members of the Morale, Welfare & Recreation Department's Sports Division at the Naval Air Weapons Station China Lake are offering a Racquetball Court Challenge every Wednesday from 6:30 p.m. to closing, starting immediately.

Games will be to 11 points, and a maximum of three wins in a row will give up the court. In order to play, just

pay the daily Gym admission fee, or have a Gym membership or a military ID card, go to the hallway by Court Two and sign your name on the board. First to register, first to play.

Observers can watch local racquetballers in action in the cardiovascular loft overseeing the court.

For more information, call 939-2334

Disneyland extends March Military Special

According to a Disneyland flyer, Disneyland has extended its March Military Special to April 5. For only \$18.75 each, enjoy free parking and a fun-filled day at Disneyland, said Pat Piroaska, manager of

the China Lake Craftech Center.

The specially-priced tickets are only available at Craftech or other military Morale, Welfare & Recreation offices. They are not available at Disneyland.

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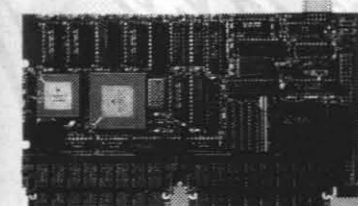
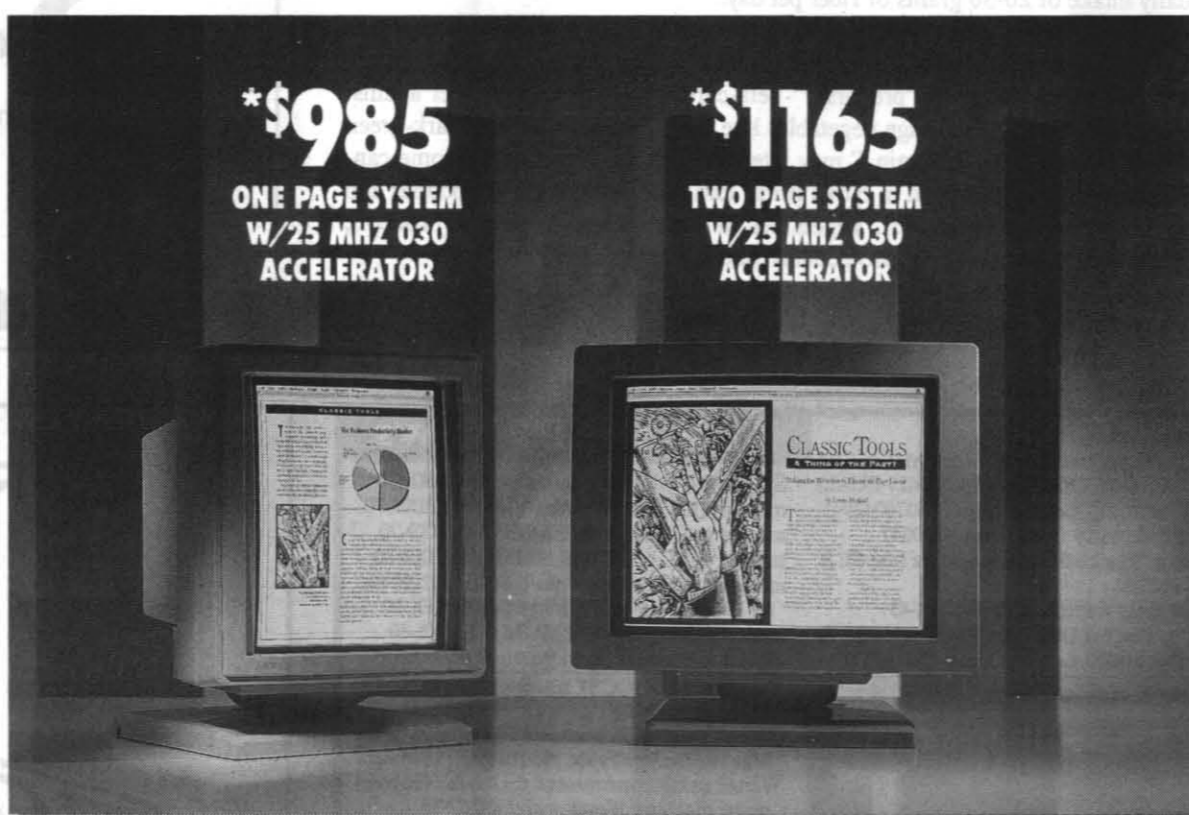
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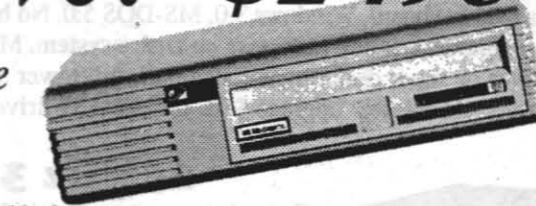
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SAR helo finds missing researcher

Searchers from the Naval Air Weapons Station China Lake found a missing researcher alive and well early last Thursday morning about 35 miles from Ridgecrest.

Sixty-year-old James Whelan, a researcher from the University of Utah had been missing in the Layton Canyon area of the Slate Range since last Wednesday afternoon. The area where Whelan was located is part of the Station's South Range and closer, as the crow flies, to Trona than to Ridgecrest.

He was found by a Navy search and

rescue (SAR) helicopter launched from NAWS China Lake early on Thursday morning. ATAN Greg Vaughn, flying as an aircrewman and observer in the helicopter spotted Whelan walking down a ravine and alerted the pilot.

Lt. Stan Austin of the China Lake Police Department said Whelan was in excellent condition when located.

Whelan and two companions had been in the South Range area of the NAWS doing researcher on plants and wildlife when they became separated.

Lt. Austin said Whelan told his com-

panions he couldn't make it to the top of a peak they were climbing and would go back to the truck to wait for them. When Whelan was not waiting for them at the truck the began the search effort.

Navy lieutenants Steven Huber and Adam Patterson flew the helicopter while ATAN Vaughn and Petty Officer Routen from the Branch Medical Clinic were the observers.

In addition to the Navy SAR effort, the Indian Wells Valley Search and Rescue, the China Lake Mountain Rescue Group and the BLM participated.

Instructors sought

California State University, Northridge (CSUN) is looking for instructors to teach electrical engineering, mechanical engineering, applied mechanics and systems engineering courses in its master's degree program at China Lake.

Between 11 a.m. and 12:30 p.m. on April 28, chairmen of CSUN engineering departments will be at the Training Center to talk to prospective instructors. Those interested in applying for an instructor position are encouraged to bring a resume to the April 28 meeting.

CSUN needs grad level teaching applicants

California State University, Northridge (CSUN) is accepting resumes from those wanting to teach ME 501AB, a two-semester graduate course on computational methods in engineering. Applicants should have at least a master's degree, with current experience in Applied Computational Method at an advanced level.

Interested applicants should submit a resume to CSUN via Cecil Webb, 939-2648, Code 224, as soon as possible.

The course is designed to present a balanced presentation between traditional analytic methods and modern numerical methods.

Key numerical topics include numerical solution of ordinary differential equations, both initial value and boundary value problems using state variable methods, Finite Difference and Finite Element Solutions of field problems applied to solid, Fluid Thermal fields.

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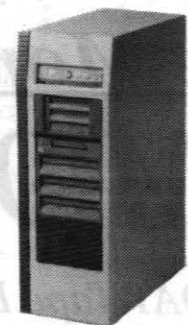


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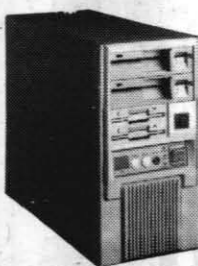


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Wellness Corner

By Betty Miller
Wellness Coordinator

April 28 class features nutritional advice in fight on cancer

April is National Cancer Awareness Month. The Wellness Program is offering a class, "Is There an Answer to Cancer?" on April 29 from 8 a.m. to 4 p.m. at the Training Center. To attend, submit an On-Center Training Request to Code 2243.

Can Your Diet Prevent Cancer? Can fiber prevent color cancer? Can carrots prevent lung cancer? The fact is, while there is no evidence that any single food or lifestyle habit can prevent cancer altogether, some experts believe you can reduce your risk for developing many types of cancer by a combination of lifestyle changes (quitting smoking, for example) and eating a nutritionally sound diet. In fact, improving your diet may reduce your cancer risk by as much as 35 percent. The key dietary changes that may be linked with reduced cancer risk are: less total fats, more fiber and more fresh fruits and vegetables, particularly those rich in Vitamin A, beta-carotene and Vitamin C.

Fats: Limit your intake of dietary fats to no more than 30 percent of your total daily calories. (Fats have nine calories per gram.) No more than one third of your "fat calories" should come from saturated ones. Saturated fats are primarily found in foods of animal origin, although coconut and palm oils are also highly saturated.

Fiber: Dietary fiber can be either water-soluble or water-insoluble. Water-soluble fiber includes the fiber found in beans, oats and many fruits, while water-insoluble fiber includes the kind found in wheat bran and many vegetables. To reduce your risk, balance your diet to include both forms of fiber. The National Cancer Institute recommends a daily intake of 20-30 grams of fiber per day.

Fruits and Vegetables: Besides being excellent sources of dietary fiber, fresh fruits and vegetables contain many of the vitamins associated with possible reduced cancer risk. Vitamin A, or its chemical "precursor" beta-carotene, may help protect against many cancers, and is found in orange vegetables like squash and carrots and dark-green leafy vegetables like spinach. Vitamin C may interfere with the formation of some cancer-causing chemicals and is found in citrus fruits, tomatoes, strawberries, potatoes and dark-green leafy vegetables as well. Vegetables in the cabbage family — broccoli, cauliflower, brussel sprouts — may also contain cancer-interfering chemicals.

The best advice is to eat a variety of foods that are fresh and/or as close to their "natural" state as possible.

ADP SPEDI News

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Kensington Trackball ADB mouse for Mac SE & Mac II #62360
Micronet removable hard drive #MR-45
memory, Mac 4ea 1MB 70ns SIMM #1MBX8-70
44MB Bernoulli cartridge tripak #S0700377

Some new & newish items:
New Bernoulli Products:
44MB Bernoulli internal master #S0700260 (requires interface)
44MB Bernoulli internal slave #S0700261

interface for all Bernoulli drives: Mac intfce #S0700337-Mac-1B; IBM intfce #0700210

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Some lessons learned, some lessons taught.
The Soviet empire's faded away;
We hope democracy's here to stay.

The people have spoken from East to West -
From North to South. Who would have guessed
That 'en South Africa would vote so right;
It soon won't matter if black or white.

Now, all's not perfect - there's still some flaws;
We still need bodies to take up the cause.
Arms and minds and back and hands
To help the world meet it's demands.

Hands of color, varied hues,
But building strength - knowing what to do.
A brand new world; not overnight
But within our grasp, within our sight.

And you can help. Yes, I mean now!
Lift up your hand; don't question how.
Lift up your hand to clasp or work;
It's too important for you to shrug.

Well, coming in June there is a week
To celebrate, and learn, and speak;
With food to eat, awards, and fun
And, don't forget, there's 5K to run.

So join us here at China Lake,
June 8 to 12, it's yours to make.
We could use your help to work and plan -
To volunteer just call the man!

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The world is changing, and it's not through.
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China Lake secretaries honored April 20-24

Secretaries at China Lake will be honored during Secretaries Week, April 20-24.

"The secretary is the pivotal person on the office team," says Capt. B.J. Craig, commanding officer, Naval Air Weapons Station, China Lake. "I, personally, appreciate the support the secretary provides me and the staff. The office just cannot function effectively without secretarial support. Major disruptions occur when the secretary is absent. I think it is fitting and proper that we recognize our secretaries with Secretaries Week."

"The secretary is the pivotal person on the office team."

*-Capt. B.J. Craig
NAWS Commanding Officer*

Specific activities planned for the week include a luncheon and fashion show, and a presentation, "If It's To Be, It's Up To Me," by Carrolle A. Rushford, a featured speaker, trainer, author, workshop leader and president of Rushford & Associates, Denver, Colorado.

The luncheon and fashion show is set on Tuesday, April 21, from 11:30 a.m. to 1 p.m. at the Seafarer Club. The luncheon consists of a choice between a chicken croissant sandwich, with fruit, or a chef salad. The fashion show, featuring women's business clothes, will be presented by Terry's Women's Apparel. Tickets, costing \$6.50 each, are now available from department secretaries. This event is open just to Department of Defense secretaries at China Lake.

Two presentations of "If It's To Be, It's Up To Me," will be given Wednesday, April 22, in the Pinnacles Room at the Kerr McGee Center. The first presentation is set for 9 to 11 a.m., followed by the second presentation from 1 to 3 p.m. There is no charge for this event and it is open to the China Lake Department of Defense community.

In addition to being a keynote speaker, Rushford has presented training to numerous government and private organizations across the nation. She has received awards for her personnel involvement and contributions in the areas of training and equal opportunity. Graduating with honors from the University of Montana in Missoula with a degree in business management, Rushford worked for the Governor of Montana, the U.S.



Carrolle A. Rushford

Office of Personnel Management and the Federal Highway Administration before starting her own business. In addition to her employment with the public sector, Rushford has over ten years of experience with private industry—in banking, retail sales and the food industries.

WACOM meeting features local style show

WACOM's monthly luncheon meeting on April 14 will include a style show featuring fashions from Dodie's, J.C. Penney, Terry's, Second Wind and the WACOM Thrift Shop.

A social period at 11 a.m. will begin

the luncheon at the Seafarer Club, followed by lunch at 11:30, a brief meeting and the style show.

For reservations call Eleanor Rockdale at 446-6925 or Mary Martin at 375-4052 no later than April 8.

KCHD immunization clinics are scheduled

Kern County Health Department office in Ridgecrest will hold immunization clinics from 8:30 to 11 a.m. and 1 to 3 p.m., April 6 and 20 at 250 W. Ridgecrest Blvd. Each immunization required for school entry and for Hib vaccine is currently \$3, with a maximum charge of \$10 per family per visit. A parent or legal guardian must be present to sign consent forms for persons under 18 years of age. Records of previous immunizations should be presented at the clinics. For information call 375-5157.

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Energy awareness a concern to all China Lakers

(Editor's Note: This is the last of a two part article on energy conservation.)

Conserving heat: The Station has published a heating instruction, showing how much heat is needed for each work area in your building.

Check regularly to see that thermostats are set correctly. Remember, the goal is 68°F to 70°F for heating during working hours. During the heat season, lower thermostats to 50°F to 55°F at night. In areas such as storerooms, heat can be off entirely except where needed to keep pipes from freezing.

There are other small ways to save heat. See that windows are tightly shut, window shades and curtains/drapes are closed if the sun is not shining in and, urge employees to wear warm clothing.

Finally, watch for energy wasting cracks, gaps and breaks at door jams. Heat is wasted warming up that cold air. Report these leaks so they can be repaired promptly.

Energy used for cooling: Employees can check cooling much the way they do heating but in reverse. Be sure thermostats and air conditioning controls are set to keep temperatures at 76°F to 78°F. They should be shut off at night and on holidays and weekends when no one is working.

With mechanical air conditioning, to

keep from wasting energy by cooling hot air needlessly, close doors and windows blinds tightly; shut shades and blinds on the sunny side of the building; turn lights not in use off (because they add heat to the area) and look for air leaks.

Report all cracks and breaks in windows, doors and thresholds.

To keep from wasting energy remember evaporative cooling works on a different principle than mechanical air conditioning. With evaporative cooling, you must introduce and exhaust large amounts of air to effect the cooling required. Ventilation systems need to allow proper air circulation.

Saving energy used in lighting: This is the area where common sense really pays off. All lights not needed where someone is working at the moment should be off.

Common sense tells you there are some places light is needed for safety. Usually, however, lighting energy should not be wasted on store rooms, empty conference and supply rooms, unused work bench and desk areas, washrooms, loading docks and exterior building entrances.

Saving on lighting for even a little while is worth while! For instance, if a fluorescent light is turned off for one second you have saved the energy needed to turn it



time it is off is all "gravy." It boils down to this: any time people leave a desk or a room for even a minute or two, the lights should be turned off.

Besides lighting, whatever put a needless load on the electrical system is energy wasteful. Extra equipment plugged into the system will defeat the purpose of the conservation program. Keep an eye out for unauthorized heaters, fans, hot plates and so forth.

Saving hot water: If you have hot water in your building, remember that with every "drop" of hot water you can really see energy dollar "going down the drain."

Every leak is important to you, hot or cold. A slow drip wastes 15 gallons of water a day. That's energy completely wasted. Leaking faucets steam lines, pipes, hoses and shower heads in building, utility rooms and restrooms should all be reported to Public Works Trouble Desk at 939-2268 as soon as possible.

Each employee is a key member of the Energy Conservation Program team at China Lake. The program office staff can only help lead the way, it's up to everyone else here to chip in to make it work. To learn how, contact Don Cheize or Mike Crom, Energy Conservation Office, Code 2682 Building 981, Phone 939-3411, ext. 214/215.

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Ideas Column

By Bruce MacIntosh
IDEAS Office

Please, do not submit anonymous suggestions to China Lake's IDEAS Office

From time to time, IDEAS arrive in our office without the originator's name or code location. We have a policy of "No anonymous IDEAS." Why? Because the purpose of the IDEAS process is to promote open communication of suggestions and foster the problem solving processes embraced by Total Quality Management. IDEAS is a form of customer feedback — and to fully appreciate the full value of the "feedback" there must be open discussion of the issues. We can't do that if we don't know who you are. All suggestions we have and the responses to those suggestions must be open for review and discussion. There are no secrets in the IDEAS Office.

So what do we do when we receive "Stealth IDEAS?" We don't put them into the normal IDEAS process unless we can identify the originator. First, we will try to track back to the source if possible.

If we can't find the originator and there seems to be some merit to the submission, we will forward the IDEA to the appropriate organization, but we will indicate that, since the originator did not identify him or herself, the document is for information purposes only and that the normal IDEA process of review and comment does not have to be followed.

Each IDEAS submission is a valuable commodity to the Navy and deserves thorough consideration. The originator must be known if we are going to get the proper review and analysis of the IDEA.

If you have an IDEA but have some worry about putting your name on it, talk to your department IDEAS advocate about your reasons or give us a call in the IDEAS office. The organization needs your IDEA and we will find a way to get it to the right place for consideration and still satisfy any concerns you might have.

If you have a question or need any information about the IDEAS process talk to your advocate or call us, we'd be glad to talk with you too. You can reach Bruce MacIntosh or Melanie Truesdale in the IDEAS office at 939-2311, or E mail - SCF::IDEAS, or QuickMail - "IDEAS"

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Security plans informative refresher time

By Peggy Shoaf
Staff Writer

Explaining how China Lakers can play a more active role in security will be the main thrust of this year's Security Awareness Briefing, says Jim Pinnell, head of the Safety and Security Department's Information Security Branch at China Lake. The security briefing sessions will be held at the Station Theatre starting at 10 a.m. and 1 p.m. April 6-9 and April 14. Make-up sessions are slated for 10 a.m. and 1 p.m. May 7.

While only Department of Defense personnel with security clearances are mandated by OPNAV instructions to attend one of these hour-long sessions, they are open to everyone, including contractors. Pinnell and Lyn Wilson, a security education specialist at China Lake, urge everyone working at China Lake to attend a session, as the information covered can be used by everybody, regardless of clearance.

"The issues brought up at the briefings are important to all of us," he said. "It is a requirement to go to these sessions, but more than that, the issues being discussed are things that can help make a difference in each individual's employment with the government."

Pinnell explained that at China Lake

last year, more than \$2 million worth of government equipment was lost or stolen. "That represents an awful lot of salaries," Pinnell said, "and in the future (considering the dwindling budget), this can make a big difference. We will address ways individuals can bring this amount down."

Other topics to be discussed include:

- Security violations and infractions received by China Lake employees and ways to avoid them;
- Personnel security, what is looked at and things that can affect a person's security clearance and what people can do to correct those problems that can cause their security clearance to be revoked;
- Recent security changes and updates;
- Computer viruses and how they can be fought.

During this part of the presentation, Wilson and Pinnell will discuss the recently advertised Michael Angelo virus and the impact at China Lake.

"The problem with most security presentations is you have to go over lots of dry material," Pinnell explained. "People won't stay in line and pay money to hear about security. In fact, most people would be willing to stand in line and pay money to avoid it. But these issues are important, so we are trying to get away

from the boring lecture-type atmosphere and make it more of a down-to-earth conversational briefing."

According to Wilson, this year's presentation will be in a different format from previous years. "We'll have two presenters (Wilson and Pinnell) discussing security in a conversational format," Wilson said.

Following the security portion will be a presentation by Special Agent Gary Mayer from China Lake's Naval Investigative Service Office. After watching a preview of the presentation, Pinnell praised Mayer's presentation and said, "(Mayer) will re-address and change some of your basic ideas on who and what the threat is in espionage."

Wilson noted China Lake employee attending these sessions should bring their area access badges, as they will be scanned to record attendance. Wilson said that scanning the individual's badges takes less time than filling out attendance cards, causing less wait for the people attending the sessions.

Because it is a supervisor's responsibility to ensure their employees receive annual security training, department heads and command will be notified who did and didn't attend the briefings, Pinnell said.

Housing says...

Military personnel assigned duties as a sponsor for newly arrived military members are urged to keep in close contact with Ann Ryan, 939-3411; ext. 321, at the Housing Office. Sponsors are encouraged to ensure an application has been received by the Housing Office and whether quarters will be available upon the member's arrival. If not, the sponsor will need to make reservations at the BOQ office, 939-3146. If authorized in writing by the applicant, the sponsor may select quarters 10 working days before the member's arrival date.

Rack Mount Computers

33MHz 256K cache 486 system with 4MB RAM, 120MB extra-high performance hard drive, 1.2MB & 1.44MB floppy drives, 1024x768x256-color VGA card, parallel & serial ports, keyboard, MS-DOS 5.0, only \$2,195. Different configurations, 386 & Mac systems are available. 386 & 486 systems are off the shelf, stock to one week.

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Saturday, 8am-4pm

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 emergencies and will be in a nonpay status for at least 10 days. Employees who wish to help a leave recipient may donate annual leave to the employee. NAVWPNCEN NOTICE 12630 provides specific information regarding how to donate annual leave. Send your approved request to Code 221. For additional information, call ext. 2018.

MULTIMEDIA OVERVIEW
14 April

WHAT IS MULTIMEDIA? A PANEL DISCUSSION (2 hours)
0800-1000; By: Steven Solazzo, Sueann Ambron, Robert Stein, and Denise Caruso.
Scope: This introductory program will clarify the vocabulary, give components of multimedia, list the organizations and companies involved in multimedia, show where it is being used and lay out some of the issues in this new field.

WHO IS DOING WHAT? (2 hours)
1000-1200; By: David Warren.

Scope: See an actual multimedia application and learn how it was done. David Warren will discuss why his company decided to use multimedia, who he worked with, the costs, the time involved, and other subjects of interest.

MULTIMEDIA COMPATIBILITY & STANDARDS (2 hours)
1200-1400; By: Philip Dodds.

LEAVE DONORS NEEDED

Carolyn M. Crump, Electronics Technician, Code 6442
Carolyn M. Crump underwent surgery and is indebted for leave.
Salleye S. Wakeland, Secretary, Code 35B3
Salleye S. Wakeland is suffering from anxiety attacks, migraines, and side effects from the medication prescribed for these conditions.
Linda Harinek, Purchasing Agent, Code 254
Linda Harinek underwent open-heart surgery and is unable to return to work until March 1992.
Elsie Sweet, Architecture Technician, Code 2691
Elsie Sweet underwent orthoscopic surgery on her knee.
Jesse Ray Lewis, Jr., Police Officer, Code 2413
Jesse Ray Lewis, Jr. has been off work for several months due to back surgery and complications resulting from the back surgery.
Jan Langham, Contract Specialist, Code 258
Jan Langham is undergoing treatment for bronchitis and asthma.



Unless otherwise noted, enroll in the following classes by submitting NAVWPNCEN 12410/73 (Rev. 12-88). Request for On-Center Training, via department channels to Code 224. (Code 224)

NAVAL MESSAGE (4 hours)

5 May; Tuesday, 0800-1130; Training Center. By: Code 87.

This course covers the steps involved in drafting and typing the narrative naval message, including the response of the drafter and the releaser. Minimized procedures will also be covered.

Deadline: 20 April

INTRODUCTION TO MESSAGE TEXTS FORMATS (MTF) EDITOR VERSION 3.3 FOR IBM (8 hours)

5 or 12 May; Tuesday, 0800-1630; Training Center. By: RMC Hazel, Code 87.

MTF editor is a message preparation program designed for MS-DOS computers which assists message drafters and typists in preparing error free naval messages. This program has a user-built Plain Language Address (PLA) directory, prompts the typist for required information, provides error messages as required allowing the operator to make corrections, spell checks messages, allows importing of other files or messages, draft printing for proofreading and internal routing/release, and DD-173 printing and declassifies and prepares diskettes to send or receive messages with the NTCC. Knowledge of MS-DOS is helpful but not required. This will be a hands-on workshop. Knowledge of naval message preparation procedures (NTP-3) is mandatory. Enrollments will be accepted on a call-in basis. NOTE: Class dates are not interchangeable. To enroll select either 5 or 12 May and call ext. 3159.

CAREER EXPANSION WORKSHOP (18 hours)

19 May, Tuesday, 0800-1000; 23 June, Tuesday, 0800-1700; 24 June, Wednesday, 0800-1200; plus 4 additional hours TBA; at Cerro Coso. By: June Wasserman.

THESE DATES ARE FOR ONE CLASS. This course discusses career choice, career awareness, personal awareness, and educational awareness related to career choices. Planning skills, decision-making processes, and self-assessment to identify tentative career opportunities and possible career changes are also covered. Enrollments are on a call-in basis. Please make sure you get permission of your supervisor prior to call. To enroll call ext. 3159.

INTRODUCTION TO SUPERVISION (40 hours)

20-24 April; 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 ideas. The class, organized into the management functions of planning, organizing, directing, and controlling, 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.

Note: Enrollments are on a call-in basis only. First-to-call, first-to-be-placed. To enroll or if you have any questions, call ext. 2686.

QUALITY FUNCTION DEPLOYMENT (24 hours)

14-16 April; Tuesday-Thursday, 0800-1600; Training Center. By Steve Tuszyński.

Intended audience: S&Es who work in any phase of product development.
What is Quality Function Deployment (QFD)? A formal, integrated set of planning, data recording, decision-making and communication tools designed to ensure that all organizational activities are performed in response to "The Voice of the Customer" (Customer Requirements) in a manner that prioritizes and optimizes the use of internal resources. QFD is used: during new product design, when changing an existing design, when customer requirements change and when multiple customers have different objectives.

Workshop participants will learn how to apply QFD principles in: preventing the "Voice of the Customer" from getting "polluted"; maintaining continuity of requirements between R&D, design development and manufacturing phases of the product life cycle; communicating the "Voice of the Customer" to all personnel; prioritizing the use of resources; obtaining an understanding of the strengths and weaknesses of competitive products and designing in response to those factors; and facilitating integrated product development (concurrent engineering).

Note: Enrollments are on a call-in basis only. First-to-call, first-to-be-placed. To enroll or if you have any questions, call ext. 2686.

MULTIMEDIA: THE EMERGING GIANT

NOTE: THESE CLASSES WILL BE PRESENTED LIVE VIA SATELLITE IN THE TRAINING CENTER AND IN MICH LAB, ROOM 1000 "LITTLE D"

14 April-5 May; Tuesdays, 0800-1400.
A FOUR DAY LIVE SATELLITE COURSE

Registration for this broadcast will be on a walk-in basis.

MULTIMEDIA OVERVIEW
14 April

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1000-1200; By: David Warren.
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MULTIMEDIA COMPATIBILITY & STANDARDS (2 hours)

1200-1400; By: Philip Dodds.
Scope: Learn about the chief issues in multimedia compatibility and how these issues are being addressed globally. This session offers information needed to make critical multimedia product design or purchase decisions.

USING MULTIMEDIA AT WORK
21 April; Tuesday

WHAT CAN YOU DO WITH WHAT YOU HAVE? (2 hours)

0800-1000; By: Nicholas Iuppa.
Scope: Aimed primarily at beginners interested in producing multimedia applications, this program will discuss how to convert classroom lectures and linear video instruction to interactive, self-paced learning. It will also cover how to use video compression techniques to get the most out of your self-instructional material.

WHAT CAN YOU DO AT YOUR DESKTOP WITH MULTIMEDIA? IMAGINE THE POSSIBILITIES (2 hours)

1000-1200; By: Scott Winters.
Scope: Learn how the newest multimedia systems work, what can be done with them, and how to begin using them. Multimedia offers educational/training capabilities with a more effective user interface than text and graphics. Multimedia also allows home enterprises to match the professionalism of larger corporations.

CHOOSING SOFTWARE AND DEVELOPING MULTIMEDIA TOOLS (2 hours)

1200-1400; By: Dr. David Thornburg.
Scope: This program will show how to go about identifying software needs, especially in cross-platform of platform-independent applications.

DEVELOPING MULTIMEDIA SYSTEMS
28 April; Tuesday

MULTIMEDIA MARKET SEGMENTS AND POTENTIAL (2 hours)

0800-1000; By: Richard Thackray.
Scope: For over 10 years, the players in the multimedia have heard "This year will be the turning point for our industry." And, until recently, the skeptics outnumbered the believers—few people actually thought that the convergence of computers, animation, graphics, audio, motion video, text and still images would become an effective training and edu-

cation medium. Richard Thackray will provide an overview of major multimedia markets, describe the types of platforms and applications prevalent in each market, and highlight current and expected market trends.

DESIGNING MULTIMEDIA (2 hours)

1000-1200; By: David Boulton.
Scope: This program deals with the broader issues of multimedia and the mindshift (paradigm shift) that is necessary to really benefit from multimedia-in education, training, entertainment, community, government and business. The program will be of special interest to those who want to broaden their view of multimedia and design, especially the user-interface aspect.

ADVANCED MULTIMEDIA (2 hours)

1200-1400; By: Marc Cantler.
Scope: This program focuses on developing software in particular and hardware in general. Among the issues Marc Cantler will address:
• What new products need to be developed?
• Which digital video standard will win?
• What are the biggest hurdles and problems a user faces when using multimedia?
• How will multiple platform multimedia products work together?
• Which platforms will win? Which platforms will be important to multimedia?

THE FUTURE OF MULTIMEDIA
5 May

EMERGING COLLABORATIVE TECHNOLOGIES (2 hours)

0800-1000; By: Dr. Prasad Kaipa.
Scope: During these days of exponential change, it is expected that 64MB memory chips will go into production in 1995 and be in the hands of the common man by the year 2000. By that time, it is also expected that the processor will perform 200 MIPS and cost about 50 cents. In the 1990s, it is becoming clear that the direction to go is toward collaboration, cooperation and communication. What else do the 1990s hold? This session will explore the future directions of multimedia and what it means to us in terms of designing collaborative work.

TELEPRESENCE: FROM REMOTE PRESENCE TO VIRTUAL ENVIRONMENTS (2 hours)

1000-1200; By: Scott Fisher.
Scope: This program covers what is emerging in the new field of virtual reality, who is working in it, and how and why to get involved. Before co-founding Telepresence Research, Scott Fisher was director of the Virtual Environment Workstation Project (VIEW) at NASA Ames, which pioneered the development of virtual environment technology for use in space station teleoperation, telepresence and automation activities.

GLOBAL IMPLICATIONS OF MULTIMEDIA (2 hours)

1200-1400; By: Peter Russell.
Scope: This program covers what might be happening at a deeper level than many of us are grasping with at present. Peter Russell will discuss how multimedia is affecting our lives and where we are headed. Russell holds a first-class honors degree in theoretical physics and psychology from Cambridge University and a master's degree in computer science. He studied meditation and Eastern philosophy in India. Regarded as one of the most grounded and articulate "New Age" thinkers, he is author of *The Global Brain* (1983) and *The Creative Manager* (1987).

MacAcademy On-Center Training
Carriage Inn (0730-1500) 4, 5, 6 May 1992
Ridgecrest, CA

Registration opens at 0715 * **Class Schedule**

TIME	4 MAY 1992		5 MAY 1992		6 MAY 1992	
	ROOM 1	ROOM 2	ROOM 1	ROOM 2	ROOM 1	ROOM 2
0730	Advanced Macintosh	Beginning Macintosh	HyperCard 2.0	Beginning PageMaker	Beginning FileMaker Pro	PowerPoint
0930	Claris Works Part 1	Beginning WORD 5.0	Beginning Excel	MacDraw Pro	Advanced FileMaker Pro	Beginning FileMaker Pro
1130-1230	LUNCH BREAK					
1300-1500	Claris Works Part 2	Advanced WORD 5.0	Advanced Excel	Beginning MacWrite II	Advanced Macintosh	Advanced FileMaker Pro

Please Mark the classes above you plan to attend and return a copy of this form to CODE 224, Attn: Annette, 939-0870/2675.

"I hereby approve this training as work related"

Supervisor/ Dept Staff (Training)

Student Name (Last, First) Code Phone

**We have been advised by the contractor that Classes begin ON-TIME!*

SSN
*Privacy Act Information, Protect Personally

SMALL PURCHASE ACQUISITION PROCESS (8 hours)
5 May; Tuesday, 0800-1600; Training Center. By Linda Watkins, Code 259.

Scope: This is a "how to" workshop designed to familiarize Center personnel with the small purchase procurement process. Topics include preparation of 9-part stubs, purchase descriptions, commercial versus system orders, stub flow, lead times, GSA orders, and other information to assist and enlighten the "end user". This class will also include an overview of SPEI.

Note: Enrollments are on a call-in basis only. First-to-call, first-to-be-placed. To enroll or if you have any questions, call ext. 2686.

TQM PARTNERSHIPS: THE CUSTOMER-SUPPLIER RELATIONSHIP (8 hours)

13 April; Monday, 0800-1600; Training Center. By Steve Tuszyński.

How can an activity truly achieve its objectives of increased performance, higher quality, reduced cost and shorter lead times without considering its suppliers? Simply put, it can't. Supplier performance is a major input into the overall quality of the producer.

This workshop discusses up-to-the-minute developments in customer-supplier relationships, both internal and external; recommends a set of over 50 strategies to achieve world-class customer-supplier performance; and, outlines several implementation alternatives.

Topics include using team approach, creating a supplier council, conducting supplier-focused conferences, defining quality system requirements, benchmarking suppliers, documenting costs of poor quality, practical uses for electronic communication, preventative quality plans, requiring supplier feedback, and performing an annual partnership evaluation.

Note: Enrollments are on a call-in basis only. First-to-call, first-to-be-placed. To enroll or if you have any questions, call ext. 2686.

INTRODUCTION TO 4TH DIMENSION (16 HOURS)
20-21 April; Monday-Tuesday, 0800-1600; Training Center. By: Doug Blew, Code 6441.

Prerequisite: Know the Macintosh, complete Quick Start tutorial. Intended Audience: 4D users new to 4th Dimension

In this course you will learn: basic database concepts and provides a hands-on introduction to the design and user environments. Students will learn how to build databases and to work effectively with the user environment. The course also introduces simple programming techniques through the use of scripts.

Objectives: to understand basic relational database design, create files and fields, build layouts to create a custom interface, build reports with the report generator, write scripts for customized functionality, and implement the 4D password system.

Deadline: 8 April

Enrollments are taken by first request received, first approved.

SELF STUDY COURSES

LIFESTYLE CAPSULES

By: Hans Diehl

Scope: This 197 page book gives 52 vignettes for healthier living. Health Outlook for the nineties, lifestyle disease, understanding food, and natural remedies are just a few of the categories discussed.
Presentation Method: Book
To sign up for this book call Tammy, ext. 2451.

HOW TO DEAL WITH THE FOREIGN ACCENT OR ALL CALLERS ARE CREATED EQUAL (10 minuts)

By: Nancy Friedman

Scope: This video offers compelling reasons why all callers are created equal and show techniques to make communication easier with foreign language customers.
Presentation Method: VHS Video
To sign up for this video call Tammy, ext. 2451.

MacAcademy Self Study Courses

are also available at the Training Center

Presentation Method: VHS Video

(To sign up for a video, call Tammy, ext. 2451)

SYSTEM 7.0 (2 hours)

In this video you will learn: what is System 7.0; file sharing; installing System 7.0; virtual memory; exploring the desktop; trash can; new messages; views; new menus; templates; apple menu; find true type fonts; inter-application communication; and compatibility issues.

UTILITIES: CDVLS & INITS (2 hours)

In this video you will learn: layout; CDEVS & INITS; virus protection SAM; ask; after dark; boomerang; EZ-menu; quickkeys; window shade; sound master; the guard dog; windows; on-cue; suitcase; heap fixer; and widgets.

MAC NETWORKING (2 hours)

In this video you will learn: what is a Macintosh network; why build a network; when you should network; what hardware can be networked; how a network works; vital parts of a network; network definitions; mixing Mac & MS-Dos; and network tips & techniques.

DESIGN & LAYOUT (2 hours)

In this video you will learn: explanation; design; planning; fonts; readability; graphics; grids & columns; moderation; clip art; logos; proofing; scanning; imagesetting; color; printing; and desktop publishing.

POWERPOINT (2 hours)

In this video you will learn: Introduction, Power Point items; sample slides; slide changer; title sorter; styles; color; creating slides; slide masters; graphics; placing check; label tool; tabs; genographics; special slides; auto slide presenter; handouts; speaker notes; storyboard; printing; summary; and tips.

CLARIS RESOLVE (6 hours)

In this video you will learn: introduction, name in formula; tables; matrix; linking; publish & subscribe; auto save; scripting; buttons; help; learn command; apple events; charts; charting options; grouping; chart templates; options; chart axes; format; print preview; functions; relative/absolute; logic functions; protection; GO TO; database; extracting; name range; install program; program features; worksheets; cells; formulas; cell size; alignment; cut & paste; borders; color; number formats; save documents; spelling check; printing; tools; and show menu.

HYPERCARD 2.0 (6 hours)

In this video you will learn: Introduction; stack kit; power tools; grouping buttons; power menu; show; palette maker; menu maker; library script; specialists; resources; mover; inventory cards; editing cards; reports; objects; layering; scripting; idie; handlers; special buttons; copy buttons; debugger; tracking script; variables; X commands; creating stacks; functions; cards; stacks; fields, buttons and graphs; graphics; hyperlink; editing card info; backgrounds; home stacks; message box; painting; tools; menus; custom home stack; open stack; hypercard operation; creating stacks; and phone list demo.

SUPERPAINT 3.0 (6 hours)

In this video you will learn: Line tool, shape tool; custom shapes; polygon tool; freehand tool; text; eye dropper tool; plug-ins; pen tool; paint tool; airbrush; pencil tool; eraser tool; masking; multiple painting; install program; graphics; placing graphics; new document; paint layer; tools; rulers; hot keys; hide layer; patterns; paint vs. draw; text; text spacing; two layer selection; brush symmetry; trace edges; brightness/contrast; diffusing; mosaic; draw layers; reshape objects; bezier curves; scale drawing; replicate; transformations; rotate graphics; patterns; paint to draw; super bits; gradients; textures; and color.

EXCEL 3.0 (8 hour)

Scope: recorded macros; complex command macros; function macros; custom menu; custom dialog boxes; non-resident linked charts; charts; patterns, fonts, borders, 3D charts; copy charts; embedded dynamic charts; drawing objects; embedding text; setting databases, criteria & extraction; data entry; database forms; making series & sorts; tables; notes; styles; replace; goal seeking; fonts; cell protection; styles; logic functions; non-resident links; error references; time/date stamps; print areas; split windows; display options; installation; worksheet navigation; cells, ranges, references; menu & tool bars; printing; edit menu; filling formulas; past function; embedding formulas; basic spreadsheet; formulating; defining names; custom formulas; alignment; time/date function; and adjusting columns & rows.

MACINTOSH BASICS 7.0 (6 hours)

In this video you will learn: files, systems; applications; utilities; loading hard disk; views; desktop; short cuts; aliases; backing up; organizing desktop; managing memory; set memory; icons; desktop; point, click & drag; selecting; apple menu; windows; menus; memory-RAM, disk, and virtual; folders; text; floppy disks; copying to disk; desktop; printing; system updates; apple HD SC set-up; updating utilities; modifying system; caps; fonts; postscript fonts; testing hard disk; optimizing HD; rebuilding desktop; labels; publish & subscribe; and file sharing.

ADOBE PHOTOSHOP (6 hours)

In this video you will learn: channels; color picker; create brush alpha channel; threshold; copy/paste; text; stroke; transform images; scale; filters; distort filters; printing; image size; photoshop preferences; virtual memory; zoom tool pixel concept; cropping tool marquee tools; lasso tool; magic wand tool; pixel memory; pen tool; RGB & CMYK modes; eye dropper tool; rubber stamp tool; review; line tool; eraser tool; background; air brush; text; blur & sharpen; paint bucket; scanning; brightness menu; image menu; black & white control; color control; level control; and color balance.

POWER OF PERSUASION (4 hours)

In this video you will learn layout; transition features; formatting; outline slide; note pages; page holder; spell checker; find and change; altering placers; slide master; background master; bullets; replace auto template; new auto template; shortcuts; service bureau; program installation; creating presentation auto templates; slide outline; editing text; slide mode; slide sorter; place holders; background masters; graphics; slide show; charts; tables; draw tools; text with graphics, and printing output.

FILEMAKER PRO (4 hours)

In this video you will learn: summary intro; layout setup; defining parts; sorting summaries; grand summaries; sub-summaries; format summaries; calculations with summaries; import data to pro; export data from pro; defining buttons; sizebox tool; custom tab orders; preview sample data; labels/images/vars; sliding objects; advanced scripting; labels/laserwriter; multiple data lookup; lookup w/graphics; mail merge; archiving old data; creating clone files; importing records; deleting records; logic functions; multiple arguments; database/definition; creating new files; defining field types; records; data entry; searching records; replacing data; custom rulers/layout; the toolbox; grouping fields; t-square/alignment; previewing records; nudging feature; the zoombox; formatting fields; basic calculations, and auto scripting.

CLARIS WORKS (8 hours)

In this video you will learn: creating objects; text tool; spreadsheet frame; graphical tools; grouping; reshaping; importing graphics; newsletter; multiple pages; linking text; integrating; graphics; archiving database; mail merge; communications; sending a file; data entry; menu; page set-up; new records; duplicating records; sorting; find; additional fields; new layout; importing graphics; zoom control; align objects; tab order; calculations; columnar report; environment; formatting; design; color; number format; formulas; charting; sorting; single criterion sort; protection; relative cell address; functions; logic functions; checks; macros; program; components; document window; text ruler; menus; on-line help; formatting; color; tabs; line spacing; spelling check; find/change; columns; footnotes; headers/footers; and printing.

The NAWCWPN/NAWS Announcements, published by the Technical Information Department (Code 34/C94), disseminates work-related information to all Center personnel and is distributed to all personnel in the Rocketeer on Thursday. To ensure accuracy, all items must be submitted in writing, preferably double spaced, and must include a sponsor code and phone number. The collection deadline for submissions is 1500 Monday. The following pick-up points for material have been established for the convenience of contributors: Room 100, Training Building (Carol Corlett, Code 224), Room 1000, Mich Lab, Room 203, Administration Building (Linda Brantner, Code 28), and Room 121, TID Building. Items may be sent to Code 3415(C9425), or by FAX to 446-2619, Code 3415(C9425), ATTN: Ralph Kulas (contractor), or mailed electronically to TID:ANC via the VAX. Any questions regarding the Announcements may be directed to Russell Bushnell, Code 3415(C9425).