Entry forms, premium books for '75 DEF are now available

Willie Johnson, chairman of the Desert Empire Fair's Competitions Committee, is excited about the upcoming fair, set for Sept. 17-21 at the fairgrounds

"We have a couple of new categories and some of the older ones have been expanded," she said. New this year is a competition for homemade wines, and a category for pastries has been added.

In addition, Mrs. Johnson pointed out that more oil paintings will be accepted this year. "We have set aside some additional space to hang the paintings and we hope we won't have to turn any away this year," she explained.

Get Rules Booklet Now

Persons who want to enter the competitions during the 25th annual Desert Empire Fair should pick up a copy of the DEF premium list and rules booklet. Mrs. Johnson has placed these booklets at various locations throughout the community.

At China Lake, the booklets are available at the Community Center and the Center Library. In Ridgecrest, they may be picked up at the City Hall, the Kern County Building, Chamber of Commerce office, or Kern County Library.

In addition, the booklets can be obtained at the Feed Store in Invokern, the Credit Union in Trona, or at the General Store in Randsburg.

Mrs. Johnson pointed out that the yellow entry forms are for adults (18 years of age and older), and the pink entry forms are for those persons 17 years of age and under, or 4-H Club members, regardless of age.

The last date to file completed entry forms is Aug. 30.

Parade Scheduled Sept. 20

Gene Richardson, who has been placed in charge of entries for the 25th annual Desert Saturday, Sept. 20, also has been distributing entry forms.

He has made them available at the Community Center and the Center Library at China Lake, and at the following Ridgecrest locations: Bank of America, Community National Bank, Security Pacific Bank, Chamber of Commerce office, Kern County Building, Kern County Library, the Daily Independent office, or at the DEF trailer on the fairgrounds.

"Persons who have questions regarding the parade should call me at 375-1306," Richardson said.

Karen Connolly, DEF secretary, also is available to answer questions regarding entry in either the competition at the fairgrounds or the parade. In addition, Mrs. Connolly noted that she is taking reservations for the renting of booth spaces in Joshua Hall during the five-day celebration.

Mrs. Connolly's telephone number is 375-

Stage play tryouts planned next week

Tryouts for "Cactus Flower," to be staged by the China Lake Players on Sept. 26 and 27 and Oct. 3, 4, 10, and 11, will be held on Monday, Tuesday, and Wednesday. The auditions will take place at the home

of Don Tilford, 501 S. Alvord St., Ridgecrest. Director Ken Austerman stated that the auditions are open and anyone who is interested in appearing on stage is welcome to try out for the play.

Visit to China Lake slated by Social Security agent

A representative of the Social Security office in Bishop will pay another of her regular monthly visits to China Lake next Wednesday, Aug. 6.

Persons wishing to apply for a Social Security number or obtain information about Social Security benefits and Supplemental Security Income claims can do so at the Community Center between 8:30 and 11 a.m.



SHOULD I, OR SHOULDN'T I? - Sandee Schwarzbach, who will play the role of Gillian in "Bell, Book and Candle," contemplates whether she should give up her witching powers for the love of Shep, played by John Clark. One of John Van Druten's more delightful comedies, the play will be produced by the China Lake Players on Aug. 8, 9, 15 and 16 at the group's hut, 405-B McIntire St., on the Center.

Bell, Book and Candle' slated to open Aug. 8 at Players' Hut

The show, which revolves around a witch who falls in love with a mortal, will be produced on Aug. 8, 9, 15 and 16, on the stage of the Players' Hut at 405-B McIntire St.,

Curtain time is 8:15 p.m. all four

Members of the cast are John Clark, as 9056.

The next production of the China Lake Shep; Sandee Schwarzbach, who will play Players will be "Bell, Book and Candle," the role of Gillian; Loren Dorrell, as Nicky; the delightful farce written by John Van Mimi Merrill, as Aunt Queenie, and Allan Ward in the role of Redlitch.

> Ward is doubling as technical director, and Marion Carter will be Mrs. Schwarzbach's assistant director.

Admission is \$2 for adults and \$1.25 for students and military enlisted personnel. Tickets can be obtained by reservation The show is directed by Pat Schwarzbach. only. The telephone number to call is 375-

Frank Sinatra, Jr. to headline Empire Fair Parade, which is scheduled on show at Burroughs High Aug. 6

don't we get some big name entertainment

Someone finally has. Triple J Productions-headed by Jim Tooker-has sponsored two appearances by Frank Sinatra, Jr., on Wednesday, Aug. 6, at the Burroughs High School Lecture Center.

Sinatra will appear in concert with the Larry O'Brien orchestra at 7 and 9:30 p.m. Tickets are priced at \$6 per person — if



Frank Sinatra, Jr.

bought in advance - or \$7 if purchased at the box office door.

The ducats are on sale at John's Pizza Parlor, 348 W. Ridgecrest Blvd., or from members of the Sister City Committee in Ridgecrest. In addition, they may be purchased by mail simply by sending a check or money order to Triple J Productions, P. O. Box 5777, China Lake, CA 93555.

The Sister City Committee, which is promoting Tepatitlan, Mexico, as Ridgecrest's sister city, will receive a share of the net profit from the ticket sales to continue its work in cultural exchange.

Sinatra, who looks and sings so much like his more famous father that it is eerie, has come a long way in recent years. He is presently on a 38-week tour that will take

For years people have been saying, "Why him across the United States and later into many countries abroad.

> Magazines and newspapers, including the New York Times and many trade papers from Hollywood and New York, have labeled young Sinatra as a "slick polished, smooth performer, who has found his own level in contemporary music."

> Each appearance in Ridgecrest by this veteran of night clubs, movies and television will include some of his own hit songs, some of his father's, and some new ones that will be included in an album he has recently recorded.

Stargazers to hold 'Star Party' tonight at Sandquist Spa

The China Lake Astronomical Society will hold a "star party" tonight at Sandquist Spa, starting at 8:30.

the Milky Way.

A principal object for viewing will be The film stars Ross Martin, Eric Kobayashi-Berger-Milon, a new comet Fleming, Mickey Shaughnessy and Phil discovered on July 2.

for discussion at the regular monthly satellite. meeting of the Astronomical Society on Admission to the matinee is 25 cents for Monday. The meeting will get under way at all paid-up members of the Youth Center. 7:30 p.m. at the group's clubhouse, 401-A All others must pay 50 cents. McIntire St., China Lake.

Highlight of the get-together will be the showing of a National Geographic film, "Solar Eclipse '73," taken in northwest Africa during that year's total eclipse of the sun - the second-longest eclipse in more than 1,000 years. At the National Geographic's film site, the totality of the eclipse was 6 min., 14 sec.

Jim McMahon and Carroll Evans will give a short presentation about the March 1970 solar eclipse, which they filmed in Mexico. The presentation will include colored film slides and a tape recording made during this event.

The objective of the ratings is to nform parents about the suitability of movie content for viewing by their

(G) - ALL AGES ADMITTED General Audiences (PG) - ALL AGES ADMITTED Parental Guidance Suggested (R) - RESTRICTED Under 17 requires accompanying Parent or Adult Guardian Regular starting time - 7:30 p.m.

1 AUG. "THE SPIKE'S GANG" (105 Min.)

Lee Marvin, Gary Grimes (Western) A bank robber, on the run, wounded and horseless, is found and nursed back to health by three farmboys. They run away from home bank robbers and his cohorts in crime. (PG)

"NOW YOU SEE HIM, NOW YOU DON'T"

William Windom, Joe Flynn

(Comedy) Chaos erupts when a college student starts experimenting with different kinds of chemicals and accidentally finds a solution for

"STANLEY" (107 Min.

Chris Robinson (Horror Drama) Stanley is an ill-tempered snake whose owner, a Seminole Indian wa veteran, trains him to put the bite on poachers and other alleged nasties, including a girlfriend, who only narrowly misses becoming rattler food. The rattlesnake and its owner retreat to the Florida Everglades where they are forced to defend themselves. (PG)

"THE TAKE" (92 Min.) Billy Dee Williams, Eddie Albert (Crime Drama) A double-dealing detective is paid off by the syndicate he is assigned to

"PAT GARRETT AND BILLY THE KID"

(106 Min.) James Coburn, Kris Kristofferson

(Western) James Coburn appears as Garrett, the outlaw turned lawman, who stalks Billy the Kid as portrayed by Kris Kristofferson. These men opposite sides of the law as each tries to maintain his lifestyle in the time of a rapidly changing

"TALES THAT WITNESS MADNESS" (90 Min.)

Kim Novak, Jack Hawkins (Horror Drama) An investigator arrives at a mental clinic to look into the resident psychiatrist's diagnosis of the problems of four patients. (R)

"THE APARTMENT"

Jack Lemmon, Shirley MacLaine (Comedy) Lemmon gets ahead in business by loaning his bachelor pad to his married bosses. MacLaine attempts suicide in Lemmon's apartment after her office romance ends. He revives her and their own romance begins. (PG)

"THE DESTRUCTORS" (90 Min.) Michael Caine, Anthony Quinn (Action Drama) A CIA Man hires an old friend to kill the head of an international drug ring. (PG)

Youth Center matinee

"Conquest of Space," an 80-min. thriller Weather permitting, telescopes will be set from Paramount Studios, will be next on the up for visitors to view such celestial objects bill of fare for the Youth Center matinee on as star clusters and gaseous nebulae within Wednesday, Aug. 6, beginning at 1 p.m. at the Center Theater.

Foster. It revolves around a group of This comet also will be one of the topics volunteers who live in space on a man-made

rom:	PLACE
	STAMP HERE
0:	
o:	

Election to be held to fill judge's office

The message that some local residents desired the option of electing a replacement to fill the vacancy left by the recent resignation of G. E. "Tommy" Thompson as judge of the Indian Wells Valley Judicial District Court was listened to and then approved unanimously by the Kern County Board of Supervisors at a public hearing held Monday in Bakersfield.

The motion to set the wheels moving for holding a special election to determine who will succeed Judge Thompson was made by Supervisor LeRoy Jackson. At the upcoming special election, voters will elect a successor to serve for the remainder of Judge Thompson's unexpired term (through 1976).

In addition, another election will be required to choose a judge for the start of the new term, it was brought out during Monday's public hearing in Bakersfield. Jackson's Recommendation

Initially, Supervisor Jackson had recommended that there be a merger of the Indian Wells and Kern River Judicial Districts as the first step in the eventual establishment of an Eastern Kern County Municipal Court District.

He felt that being able to hold Municipal Court sessions in Ridgecrest would save a have with these terms? lot of extra time and expense that is now necessary for travel to and from Bakersfield by attorneys, defendants, witnesses and law enforcement officials for matters that the local Justice Court cannot handle.

Supervisor Jackson also informed his local constituents that utilization of one judge for both the Indian Wells and Kern River Judicial Courts would be a less costly way of meeting the needs of both areas, due to the total caseload of the two Judicial

Lengthy Study Made

It was his lengthy study of this entire matter which had led him to reach the conclusions that merger of the Indian Wells Valley and Kern River Judicial District, and the preparation of special legislation to enable the eventual establishment of an Eastern Kern County Municipal District, (Continued on Page 2)



Vol. XXX, No. 30

August 1, 1975

Program of Understanding Personal Worth And Racial Dignity supported by Center

Three seminars held per month in race relations education

By Elizabeth Babcock

What is prejudice? Racism? Equal Opportunity? These are words that can be looked up in the dictionary, but does, for instance, "a belief that human races have distinctive characteristics that determine their respective cultures" really sum up for the individual a lifetime of conditioning, years of picking up connotations that add up to his individual definition of racism?

Do different ethnic groups perceive these terms differently in America today? And what connection does the word "power"

Three times a month, teams of Racial Awareness Facilitators confront a roomful of people with these questions. Their goal is nothing short of awareness of prejudice and racism. Their tool is the UPWARD seminar, a Department of Defense program of Understanding Personal Worth And Racial

Some Confusion Exists

"The UPWARD acronym, used nationwide, has experienced identity problems locally because many people have confused it with the Upward Mobility program," stated Robert Briley, NWC Deputy Equal Employment Opportunity Officer. "As a part of the local Equal Employment Opportunity program, UPWARD seminars are intensive courses in race relations education.

He added that the UPWARD program is strongly supported by NWC Management.



AWARENESS LEVELS RAISED — The NWC employes who make the UPWARD program work meet to discuss some of the techniques used in this 21/2 day racial awareness program. Shown above are (I.-r.) Louise Mitchell, Racial Awareness Facilitator; AMS2 Louis Kilpatrick, Race Relations Educational Specialist; Keith Becker, Racial Awareness Facilitator; Bob Briley, Deputy Equal Employment Opportunity Officer; AB2 Roman Russell, Racial Awareness Facilitator; Lt. Stuart Bell, Equal Opportunity Officer, NAF; and Emanuel Dunn, Racial Awareness Facilitator. UPWARD seminar leaders are motivated by the belief that racial awareness comes only with an understanding of one's own prejudices.

One of the program's most enthusiastic UPWARD seminars at China Lake is the supporters, Rear Admiral R. G. Freeman III, NWC Commander, has said, "The UPWARD seminar currently presented requires 20 hours to complete, but I view this as a very small price to pay in the interest of doing something positive to reduce both personal and institutional prejudice and bigotry. I believe this is invaluable training and I encourage the broadest possible participation by all Center employees in the UPWARD seminars."

"One of the innovative aspects of the

military and civilian mix," Briley said. "These seminars are productive learning experiences largely because there's participation and interaction by military and civilian, men and women, majority and minority racial persons. For this reason, we'd like to see a lot more seminar attendance by civilians, and especially by members of racial minorities.'

While encouraging all Center employees to attend these seminars, the NWC Com-(Continued on Page 5)

Advanced degrees awarded to 13 fellowship recipients

and nine others were awarded Master's degrees as a result of receiving fellowships for advanced study that was completed during the 1974-75 school year. According to a summary prepared by the

NWC Education Office, the four men who earned their doctorates are Henry Adaniya, who is an electronics engineer in Dr. Smith was the first NWC employee to Adaniya, Robert P. Scott, Lloyd H. Smith the Air Weapons Department's Las- be enrolled in the cooperative doctorate and Douglas J. Sticht.

under the USC graduate program in science Conductivity of Sintered Diamonds." He Ph.D. A specialist in mechanical and engineering are Jay F. Crawford, began work on his Ph.D. after receiving a engineering, he is employed as a consultant Stephen F. Lyda and K. T. Katsumoto.

the universities which awarded them, were: also from Brigham Young University.

Four Naval Weapons Center employees Bruce. Hardy, Stanford University; Onstott, University of California at Davis; University

earned at Brigham Young University by Dr. and Nitrogen.' er/Infrared Division. For his doctoral program at the Naval Postgraduate School Those who earned Master's degrees thesis, he prepared a paper on "Thermal in Monterey, Calif., where he received his Master's degree in electrical engineer- in the Propulsion Development Depart-Other recipients of Master's degrees, and ing / solid state electronics in May 1969 —

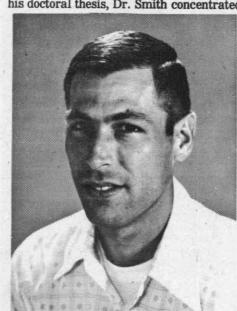
Dr. Scott, a physicist in the Engineering completed their studies and other re- Ravindra Jain, University of Utah; Isamu Department's Engineering Design Division, quirements for receiving Ph.D. degrees, S. Kurotori, University of Arizona; John W. received his Ph.D. from the University of Oklahoma, where he also received his Milton H. Ritchie, Stanford University, and Master's degree in physics / gaseous Ronald Stoutmeyer, Montana State electronics in 1973. The dissertation Dr. Scott prepared for his doctorate was en-A Ph.D. in engineering science was titled "The Electrical Breakdown of Argon

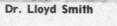
ment's Conventional Weapons Division. For his doctoral thesis, Dr. Smith concentrated

Characteristics of an Axismmetric Body Undergoing a Uniform Pitching Motion." In preparation for his doctoral studies, he received a Master of Science degree in engineering mechanics from UCLA in 1968.

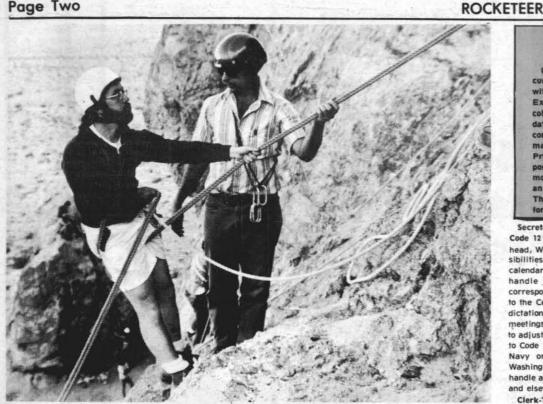
Dr. Sticht, who is head of the Infrared Systems Design Branch in the Air Weapons Department at NWC, received a doctorate in electrical engineering from the University of Arizona. For his Ph.D., he studied and prepared a paper entitled "Strategy Synthesis in Qualitative Differential Games." Dr. Sticht also was awarded a Master's degree by the University of Arizona in June 1969. His

(Continued on Page 4)









THEY LEARN BY DOING — The rock climbing class held each summer by the China Lake Mountain Rescue Group was in full swing when 41 students gathered at the base of Robbers' Roost for a session. Only 12 instructors were on hand as the other 12 assigned to the class were off on a mission. However, things went well. In top photo, Terry Moore instructs Jim McManis in the techniques of rappelling down a mountainside, showing him how to keep the lines taut, the proper wrap of the rope around the body, etc. In the photo below, McManis is seen putting the instruction into practice. The final session is slated Tuesday.



Election slated to fill judge's office . . .

was the best route to go, the local district to fill Judge Thompson's unexpired term. representative on the Kern County Board of Supervisors told those present last Saturday at a sparsely attended (88 persons were present) public forum held at the Burroughs go," Supervisor Jackson emphasized High School Lecture Center.

This meeting, conducted in advance of Before the pro and con discussion con-Monday's public hearing in Bakersfield, was co-sponsored by the China Lake Community Council and the Ridgecrest City Council for the purpose of allowing local speaker's platform with Ridgecrest At- he did Monday) that an election be held torneys Frank Backus and Burke West who, fill the Justice Court vacancy. as spokesmen for the Indian Wells Valley to the merger of the two judicial districts or March.

Don R. Yockey

Editor

Jack C. Lindsey

Associate Edito

Diane Corvell

Editorial Assistant

Ron Allen

Staff Photographer

and insisted instead that an election be held

"I'm not pushing for the merger of the during the public forum.

cluded on Saturday, Supervisor Jackson informed the audience that from those in attendance he felt he had obtained an expression of the local community's feeling residents to express their views directly to on the matter, and stated that he would Supervisor Jackson. The latter shared the recommend to the Board of Supervisors (as

At this time, it isn't yet know whether the Bar Association, expressed their opposition special election can be held in November

The Rocketeer Official Weekly Publication Naval Weapons Center China Lake, California RAdm. Rowland G. Freeman III **NWC Commander** Dr. G. L. Hollingsworth Technical Director C. E. Van Hagan DEADLINES: Head, **News Stories** Tuesday, 4:30 p.m. Technical Information Department

Photographs Tuesday, 11:30 a.m. The Rocketeer receives Armed Forces Press Service material. All are official U.S. Navy photos unless otherwise identified. Printed weekly with appropriated funds by a commercial firm in compliance with Nav Exos P35, revised January 1974. Office at Nimitz and Lauritsen, Information published in the Rocketeer does not necessarily reflect the official views of the Department of

3354, 3355, 2347

Promotional opportunities

Unless otherwise specified in the ad, applications for positions listed in this column will be accepted from current NWC employees and should be filed with the person named in the ad. All others desiring employment with the Navai Weapons Center may contact the Employment-Wage and Classification Division, Code 652, Ext. 2067. Ads will run for one week and will close at 4:30 p.m. on the Friday following their appearance in this column, unless a later date is specified in the ad. Employees whose work history has not been brought up to date within the last six months are encouraged to file a Form 171 or 172 in their personnel lacket. Information concerning the Merit Promotion Program and the evaluation methods used in these promotional opportunities may be obtained from your Personnel Management Advisor (Code 456 or 657). Advertising positions in the Promotional Opportunities column does not preclude the use of alternate recruiting sources in filling these sitions. As part of the rating process, a supervisory appraisal will be sent to the current supervisor and the most recent previous supervisor of those applicants rated as basically qualified. The Naval Weapons Center is an equal opportunity employer and selection shall be made without discrimination for any nonmerit reason. The minimum qualification requirements for all GS positions are defined in CSC Handbook X-118, while those for all WG, WL and WS positions are defined in CSC Handbook X-118C.

Secretary (Stenography) GS-318-05, PD No. 7112002, head, Weapons Planning Group. The duties and responibilities are to screen incoming correspondence, organize alendar, set up and maintain Code 12's personal file, handle travel arrangements, screen outgoing orrespondence, make arrangements for visitors coming o the Center, handle incoming and outgoing calls, take dictation, arrange for and, coordinate materials for neetings, recognize urgent situations and adapt schedule adjust, transcribe tapes, and act as administrative aid to Code 12. Job Relevant Criteria: Understanding of the Navy organization and principal program offices in Washington, preferably at the CNM-CNO level. Ability to handle arrangements for Navy-wide conferences at NWC and elsewhere. Promotion Potential-GS-6.

Clerk-Typist, GS-322-03 / 04, PD No. 7512006, Code 12, papers, speeches, and complex reports (which often contain complex tables), in the field of physics, mathematics and scientific data, using a magnetic card selectric typewriter. Responsible for grammar, punc ruation, spelling, format. Job Relevant Criteria: Highly proficient and accurate typist. Familiarity with the magnetic card selectric typewriter.

Operations Research Analyst GS-1515-9/12, PD No. 7512007, Code 12 — This position is located in the Weapons Planning Group. The incumbent will be assigned to one of the program areas and will be involved in analysis studies overing a wide range of subjects. Typical duties involve analyzing performance of weapons and components, investigating weapon requirements, and reporting results oth in writing and oral presentations. Job Relevant Criteria: Familiarity with the operation and utilization of large scale computers, procedures for obtaining un processed information, and military operations and tacics. This position could be filled from any of the engineering or scientific disciplines which provide a gnificant preparation in mathematics.

File applications for the above with Dora Childers, Code

56, Rm. 206, Ph. 2676. Supervisory Aerospace Engineer GS-861-13, or Superechanical Engineer, GS-830-13, PD No. 7451101, Code 5192 - As Head, Mechanical and Aerodynamic Branch, incumbent provides technical and administrative firection to branch personnel. He is responsible for the planning required to carry out the work of the branch in erms of work load, budget and personnel. He will coorfinate support efforts from groups outside the branch. He nust establish effective schedules and reporting procedures and branch programs. Job Relevant Criteria: experience in project engineering. Knowledge of echanical and aerodymanic analysis and design priniples. Experience in the design of air-to-surface wea Knowledge of aircraft/weapon interface and comatability. Promotion of eligible GS-12 to GS-13 subject to mitations imposed by CHNAVMAT message of July 23,

Supervisory General Engineer, GS-801-14, PD No. Program Office and provides technical management and rdination for all elements of the JSRAAM Program, This includes design, analysis, development, testing, and contract procurement. The incumbent is responsible to conducting the necessary liaison between JSRAAM sponsors and NWC. Job Relevant Criteria: Experience in two judicial court districts, I'm advising the general missile systems development, analysis and community on what I feel is the best way to evaluation. Experience in managing a weapons systems development program. Experience in developing program plans including costing and scheduling. Supervisory experience. Promotion of an eligible GS-13 to GS-14 is subject

Navy Exchange sale of 'bright goods' is now in progress

The Navy Exchange has scheduled a "bright sale" that began yesterday and will conclude when all of the marked-down items have been sold.

Special buys are now available in sheets, towels, tablecloths, blankets and pillows. In addition, many regularly stocked linens also have been reduced in price during the sale period.

Lt. E. N. Smith, Navy Exchange Officer, also called attention to the new take-out service being offered at the Hall Memorial Lanes snack bar.

All items on the menu now can be prepared for consumption at home. Patrons should call 446-4160 to place orders, and the food will be ready by the time the customer reaches the bowling alley.

Dance at Chaparral Club

The Hot Shots will provide music for a dance tonight at the Chaparral Club, beginning at 9 o'clock.

Walt Schimke, club manager, also noted that a record hop will be held tomorrow night from 8 until 1 a.m.

All members and their guests are invited to attend both events.

File applications for the above with Pat Gaunt, Code 657, Rm. 212, Ph. 2514.

Assistant Technical Director for Research and Head, Research Department, 10 USC 1581, Code 60 - Responmeet present and projected needs of the Navy. Coordinates fundamental and applied research efforts in proximately 150 scientists and support personnel. Job Relevant Criteria: Ability to manage scientific research in derstanding of basic research problems of Naval weaponry and the ability to interface research efforts with development efforts is required. Must have experience in formulating proposals for new exploratory work. Experience in evaluating scientific efforts and programs and policies is also required. Budget Clerk, GS-501-3 / 4, PD No. 7240066, Code 082 -

The incumbent will work closely with a budget analyst or technician assisting in the preparation of overhead and technical budgets. Will prepare financial reports, purchase requests, and other special reports of a financia nature. The incumbent may be assigned to one or more of the departments on the Center to provide financial support such as monitoring expenses on job order and customer order numbers, preparing journal entries, etc. Job Relevant Criteria: Ability to meet deadlines under pressure, ability to work rapidly and accurately, ability to work with figures, and knowledge of budgetary and fun ding process. Promotion Potential: GS-5.

Traffic Manager, GS-2130-9, PD No. 7525025, Code 2594 -This position is head of the Traffic Branch, Material Division, Supply Department and assistant traffic manager under the head, Material Division, who has additional duty as traffic manager. Incumbent determines means of transportation, packing and scheduling of material shipments to best meet the needs of Center projects. Incumbent is responsible for performing work associated with planning and developing traffic management projects and programs; conducts logistical studies; assists in formulation of traffic management policies; and establishes operational requirements for the Traffic Branch including household goods. Incumbent performs a liaison function with Center personnel, car rier personnel, military transportation management command, and other military and research activities. Job Relevant Criteria: Ability to plan, direct and coordinate traffic programs. Knowledge of current government and commercial traffic regulations, tariffs, policies, procedures and publications. Ability to supervise. Ability to work effectively with customers. Ability to make effective oral and written presentations.

File applications for the above with June Adams, Bldg. 34, Rm. 210, Ph. 2371.

Clerk-Typist, GS-322-4, PD No. 055073AM1, Code 5513 his position is located in the Environmental & Standard Division, Engineering Department, incumbent provides clerical and typing duties to the branch personnel, acts as receptionist, maintains branch files, etc. Job Relevan Criteria: Ability to type efficiently and accurately. Ability to get along with others in work group. Ability to meet

(Continued on Page 7)



DIVINE SERVICES

Sunday School - All Age

Wednesday Noon Bible Study

Sunday School Classes are held in Chapel Annexes 1, 2, 4 (Dorms 5, 6, 8) located opposite the Center Restaurant. Communion Service first Sunday of the month ROMAN CATHOLIC 1700 fulfills Sunday obligation BLESSED SACRAMENT CHAPEL CONFESSIONS RELIGIOUS EDUCATION CLASSES Kindergarten thru 6th grades 1130 Pre-school First thru sixth 1530 seventh & eighth (Junior High)

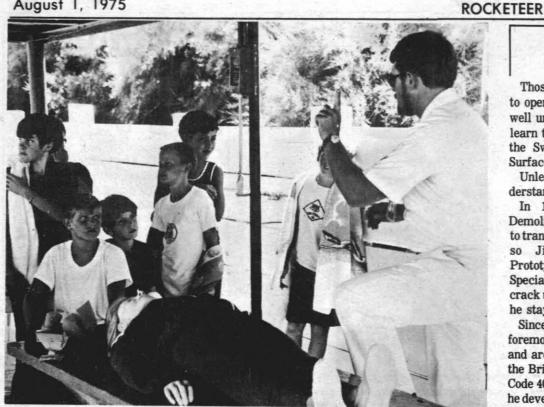
Above classes are held in Chapel Annexes across from Center Restaurant. Ninth thru 12th grades

JEWISH SERVICES

EAST WING - ALL FAITH CHAPEL

"In Home" Discussion Groups Monthly Youth Rallies Contact Chaplain's Office for specifics.

Sabbath Services every Friday UNITARIANS CHAPEL ANNEX 95 Services - (Sept.-May)





CUB SCOUTS STAGE DAY CAMP -Approximately 80 local Cub Scouts attended a day camp at the NAF swimming pool area July 21 through 25. In addition to learning various crafts and indulging in such summertime activities as swimming and sunbathing, the Cubs learned about artificial respiration (above) and plaster casting (at left). HM3 Kent Blevins, the new full-time first aid lecturer on the Center, used ResuciAnne to teach the Cubs how to save drowning victims. At left, Norman Weisman, Desert District Commissioner of the Southern Sierra Council, Boy Scouts of America, looks over a plaster cast plaque made by one of the Scouts. Ed Tipler was in charge

Promotional opportunities...

(Continued on Page 2

File application for above with Carol Downard, Bldg. 34, Rm. 204, Ph. 2925.

Supervisory Firefighter, GS-081-6, PD No. 784009, Code 842 - This position is located in the Fire Division of the Security Department. Incumbent is crew chief of the or piece of motorized fire fighting apparatus and its crew. Duties include answering fire alarms, instructing crew in operation of fire equipment and all phases of fire fighting and directing fighting of fires in absence of high authority. Job Relevant Criteria: Knowledge of fire prevention practices and ability to supervise and conduct inspections and identify fire hazards. Ability to communicate with others effectively both orally and in writing in working out solutions to problems or questions relating to the work. Potential to motivate, train, and work effectively with subordinates who have a variety of backgrounds and training. Ability to plan own work and carry out assignments effectively. Demonstrated potential ability to plan initial attack including rescue and the efficient control and extinguishments of fires. Knowledge of locations (streets, water distribution, alarm / detection systems, building contents/layout, etc.) This announcement will be used to establish the promotion register for Supervisory Firefighter, GS-091-6 which will remain in effect until February 1976.

Secretary (DMT), GS-318-5, PD No. 7450069, Code 401 -This position is secretary to head, Advanced Aircraft Systems Division. Incumbent provides a variety of clerical and administrative duties related to the management of conferences, telephone and receptionist work, typing, eceiving and replying to incoming mail, and reviewing outgoing mail provided a technical knowledge of the specialized subject matter is not required. Job Relevant Criteria: Must be familiar with Navy correspondence format. Ability to meet deadlines under pressure. Those who applied on June 27 need not reapply

Fire Protection Inspector, GS-081-6 or 7, PD No. 7484001-1, Code 842 — This position is located in the Fire Division of the Security Department. Major duties include inspections of buildings, their contents, utilities and surrounding areas and assignments involving life hazards, fire hazards and fire prevention deficiencies; recommends and follows up on corrective actions for fire hazards; presents fire prevention training to other Fire Division personnel; and

Class about alcoholism designed for supervisors

The NWC Industrial Alcoholism program has scheduled a class designed for supervisors and managers on Aug. 22 from 7:30 a.m. to 4:30 p.m. in Rm. 103 of the Training

The objectives of the program are to assist the supervisor in retaining valued employees by restoring their productivity. This class is limited to 15 participants.

Nominations for the program should be submitted before the end of work on Aug. 12 to Code 654 via proper departmental channels.

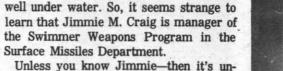
of the day camp. tests, services and installs fire equipment. Job Relevant Criteria: Knowledge of principles of fire prevention in

area. General knowledge of physical layout of NWC, including NAF. File applications for the above with Charlotte Sieckowski, Bldg. 34, Rm. 204, Ph. 3118.

spection. Knowledge of operations performed in assigned

Budget Clerk, GS 501-4 / 5, PD No. 7240066, Code 082 The incumbent will work closely with a budget analyst or technician assisting in the preparation of overhead and technical budgets. Will prepare financial reports, purchases requests, and other special reports of a financia nature. The incumbent may be assigned to one or more of the departments on the Center to provide financial support such as monitoring expenses on job order and customer order numbers, preparing journal entries, etc. Job Relevant Criteria: Ability to meet deadlines under pressure, ability to work rapidly and accurately, ability to work with figures and knowledge of budgetary and funding

File applications for the above with Tina Lowe, Bldg. 34., Rm. 206, Ph. 2723.



Employee in the spotlight

Unless you know Jimmie-then it's understandable.

Those little burners that supply the heat to operate hot air balloons don't work too

In 1970, the Seals and Underwater Demolition Teams needed a hot air balloon to transport their special kind of equipment, so Jimmie joined the Mechanical Prototypes Branch in the department's Special Projects Division. After giving the crack underwater teams what they needed, he stayed on to manage the program.

Since 1963, Jimmie's name has been foremost in hot air ballooning on the Center and around the world. He was working on the Briteye flare as a project engineer for Code 40's Free Fall Weapons Branch when he developed a hot air balloon to support the flare in the air.

"That was the biggest flare ever developed. It would burn longer, brighter, and came down slower than any other battlefield illumination flare ever devised," Jimmie said. Because of that involvement, Jimmie became interested in hot air ballooning as a sport. He learned to fly one and afterward, was instrumental in introducing the hot air balloon on the Center to support research and development ef-

Balloon Is Unique Tool

"I still don't think the balloon is utilized to its fullest extent. It affords an opportunity for any group to take a laboratory experiment and place it into a field environment without having to package it. Also, a balloon can be used for a platform at various altitudes, thus saving the building of a tower, and there are many other practical, money-saving uses for balloons," Jimmie pointed out.

He has used them to study weather modification efforts with Dr. Pierre St.-Amand's group, and to research pollution of

the atmosphere during Project DaVinci. Jimmie was world champion hot air balloonist in 1964 and 1965, and won the first modern balloon race, which originated at Indianapolis Speedway in 1965.

He was the originator of the Professional Balloon Race Pilots' Association, which he formed with two other men when competition at the world level got to be too hectic. "A lot of those guys didn't know what they were doing up there, and that worried me," he noted.

His background includes a cross-country trip with Malcolm Forbes, the wealthy



RARE ACCOMPLISHMENT — Lt. Col. James R. Rozinek, USAF, received congratulations and a special memento after recently logging his 1,000th hour of flight time in the A-7 Corsair II. Arnold Vang (at right), senior Ling-Tempco-Vought representative at China Lake, presented an appropriately decorated mug to Lt. Col. Rozinek, who is one of only 12 Air Force pilots to reach this milestone. A project pilot, the honoree is currently assigned to the 442nd Fighter Weapons Squadron at Nellis Air Force Base in Nevada — a group which provides the Air Force version (A-7D) of the Corsair II aircraft used in support of the operational flight program at China Lake. On hand to join others in congratulating Lt. Col. Rozinek was Lt. Col. J. R. Gibbons, USAF Liaison Officer assigned to the Naval Weapons Center. -Photo by Diane Corvell



Jimmie M. Craig

industrialist who also is a balloonist, and a 20,000 ft. ascent in a hot air balloon over Reno as his personal altitude record. "I wasn't scared about being at that height, which was caused by mountain leewave activity (strong updrafts), but I sure was concerned," Jimmie recalled. He wasn't wearing an oxygen mask at the time.

The one thing that impresses Jimmie the most is the myriad ways he uses an 18th Century aircraft to perfect modern research and development on 20th Century

His interest in NWC began in 1953 when he stopped here to do a couple of performances with the 11th Naval District's talent-variety show. Jimmie, who was in the U.S. Marine Corps at the time, was a magician, singer and fire-eater. "I thought then that this place was the closest thing to Buck Rogers that I'd ever seen," Jimmie remarked.

Began Work as Inspector

In August, 1954, Jimmie came here to work. He started as a machine parts inspector in the Engineering Department and worked his way up to specifications editor for the Center in 1960. At that time, he joined Roy Compton's Free Fall Weapons Branch as an engineer and went right to work on SADEYE, a cluster bomb. Then came the Briteye program and Jimmie's involvement with hot air ballooning.

Although Jimmie has had some outstanding crew members - including Margy and Dick Zinke - his principal crew chief has been his wife, Carole. "She's not only the very best crew member a balloonist can find, she's the best wife there is, as well," Jimmie said.

The couple has five children. They are Roxanne, 23, who has just returned from mission work for the LDS Church in England; Denice, 21, a housewife; Jennie, 20, a recent graduate of Bakersfield College and a bride last June; Gary, 19, who has just left for Thailand where he will do LDS mission work the next two years, and Danny, 17, a senior at Burroughs High School.

Jimmie said all five of his children are very active in the Church of Jesus Christ of Latter Day Saints. In addition to his ballooning interests, Jimmie also is an active glider pilot and is past president of the China Lake Soaring Club. He also has tried his hand at metal sculpture ("The kind where you use welding torches").

Jimmie received the Meritorious Civilian Service Award a few years back as one of a group of individuals so honored for quick work in connection with the Shrike On-Board project. In addition, he has received two outstanding service ratings, many superior accomplishment awards (five of which were for balloon-related patents), and a number of quality salary increases.

Switchboard installed

A switchboard was installed recently at the Naval Weapons Center Dispen-

Now, any department or individual at the Dispensary can be contacted by calling NWC ext. 2911, and the operator will transfer the call.

Wilt's Corner

Slow pitch all stars challenge fast pitch team

NWC Athletic Director

In view of the recent win by the NWC Mojave Desert Inter-Service League Fast Pitch team at Edwards AFB a couple of weeks ago, the MDISL Slow Pitch all-stars have issued a challenge to play the champs tomorrow night at Schoeffel Field in a twin bill. The first game will start at 6 o'clock.

Slow pitch rules will prevail. It should be interesting to see how the fast pitch players adjust to slow pitching. All fans are welcome, of course.

Speaking of MDISL, the slow pitch tournament will be held here on Aug. 9 and 10 at Schoeffel Field. The first game will start at 10 a.m.

Five teams have entered the competition. They are Barstow MCB, George, March and Nellis Air Force teams, and our own all-star squad. A win by the locals would put NWC in an almost insurmountable position to win the yearly over-all trophy. Only golf and the Minor Sports Carnival will remain to be played in 1975.

Let's support our fine slow pitch team with good attendance during the tour-

Summer Volleyball

Practice games on Tuesday and Thursday will mark the beginning of the 2-on-2 volleyball league. League play will actually start on Aug. 12.

A six-man league will also begin on the same dates. No entry fee is required. However, all players must join the Recreation Association to be eligible for league competition.

For further information on how to enter a team, contact Barbara Revels at the gymnasium, NWC ext. 2334.

Fall Recreation Program

Future plans call for a 7-man flag football league, fast and slow pitch softball, soccer, handball and racketball singles tournaments, plus basketball, all to be offered in

I am presently taking entries for any of

Free play hours at

Youth Gym announced The NWC Youth Gym is open for free play

daily, Monday through Friday, from 3 to 7 p.m. for all paid-up members of the Youth

The Youth Center is currently taking applications from both boys and girls for the 3-on-3 basketball and co-ed volleyball leagues now being formed.

Registration for the basketball is \$1 per person and the fee for the volleyball will be \$2. Tomorrow is the deadline to file.

twin brother, Todd, watches. Pohl is a volunteer instructor of the Youth Center

judo class, which is held each Monday and Wednesday from 7 to 8 p.m. in the Youth

Gym. Youngsters who are interested in joining the class should contact Carol

Hape at the Youth Center by calling NWC ext. 2909.

recreation, plus competition, and the more people who participate, the better I'll like it. For more information on any of the fall

Return Softball Equipment Immediately following the end of the season, all softball equipment on loan to

activities, contact me by calling ext. 2334.

gymnasium Issue Room.

Hours for the turn-in will be from 11 a.m. to 1 p.m., and from 4 to 6 p.m., Monday through Friday.

Teams that will be playing in the fall should turn the equipment in and check it back out at a later date.



TO THE VICTOR GOES THE SPOILS — A golfer himself, RAdm. R. G. Freeman III, NWC Commander, took a lot of pleasure in presenting the Commander's Trophy to Curt Bryan earlier this week. This was Bryan's award for shooting the low gross score in the tournament of the same name held two weeks ago. Bryan recorded a 152 total for the 36-hole tournament — edging out Max Smith by four big strokes. Leroy Wise, who won the net prize with a 137 score, also received a trophy from the Skipper during the same ceremony.

CL netters dump Edwards AFB team

Members of the China Lake Tennis Club traveled to Lancaster last Saturday to play a match against the Edwards AFB netters on the Antelope Valley High School courts. The local team won all but three matches

during the hot afternoon. In the men's singles only Burt Burrough lost his match to Ray Dolor of the Edwards squad. Men's singles winners were Scott deGeus, Gary Fry, Bob Forrester, Wilt Wyman, Nick Schneider, Dick Mello and

Sherry Miller lost a tough match with Carol Collins, but all of the other local distaff netters won in the women's singles. China Lake winners were Ruth O'Neil, Kathy Kirschsieper, Charlene Newmeyer, Janie Cleaves and Diana Wyman.

The duo-combo of Cleaves and Wyman lost to Collins and Betty Love during the women's doubles matches, but Miller and

-Photo by Ray Hocker

Newmever emerged the victors in the only other women's doubles match to be played at Lancaster.

The men's doubles teams from China Lake swept the bill. Victors in the 10-game pro sets were the combos of deGeus and Forrester, Schneider and Mello, Burrough and Cleaves, and Schneider and Fry.

Wyman and O'Neil and Mello and Kirschsieper won the only two mixed doubles contests on the trip. Wyman, NWC's Athletic Director, and Mrs. O'Neil, a perennial champion on the local courts, blew the team of Love and Love off the courts in the 10-game pro set, 10-0, the biggest whitewash of the afternoon.

Physical fitness to be emphasized by swim club for adults

A meeting to organize the "IWV Over-the-Hill Swim Club" was held Tuesday, July 22, at the NWC Community Center.

This club will participate in the Masters'

For information about sport events, recreational activities, the Center theater movie schedule and coming events dial 939-2411.





Pele, the Brazilian soccer star, will get anywhere from a reported \$4 to \$7 million to play the fast-paced European "futbol" in this country.

Under the guise of helping to promote soccer in the United States, Pele has told his countrymen that he really will be exporting Brazilian talent north of the border and that they should be proud of him.

And they are. But the Brazilians don't like the idea of Pele playing for someone else when he told them that he was too old to continue the game in his country.

Perhaps he feels that he's not too old to play the game here where the competition won't be quite so tough.

Pele was also quoted as saying that soccer is akin to ballet. Well, it is, but only in the way that a select few play the game. Stanley Matthews, the English star, played that way, and, of course, Pele, but darned

Mostly, it's a sport rife with excellent physical conditioning and brute strength. Subtlety and finesse are applied only by those rare few who are able to do so.

While living in England some years ago I was privileged to watch Stanley Matthews play. Strangely enough, it was an international game against Pele's native country, Brazil. England was losing, 3-0. with only one quarter of the game remaining when the aging Matthews was brought in off the bench. Two minutes later, the score was 3-1.

Stan Scored Again

The English captain rested his star for a few minutes before Stan the Man slipped into the line-up and scored again. With about nine minutes to go in the game, the 42year-old wonder tied the score at 3-all.

In the closing moments of the game, England was awarded a penalty kick kicker against goalie. The Brazilian goalie rose to the occasion.

75-B Halsey Ave., China Lake.

The Council is the representative of a unit composed of the Naval Weapons Center's non-supervisory, ungraded, civilian employees located at China Lake.

Cdr. James H. Baker is NWC's new Deputy Director of Supply

duties as Deputy Director of Supply degree in business administration, Cdr. yesterday, relieving Cdr. Richard B. Nygaard, who will report to the USS San Jose as the ship's Supply Officer.

Cdr. Baker, a 17-year veteran of the U.S. Navy, comes to China Lake from the Defense Supply Agency, Cameron Station, Alexandria, Va., where he served as chief of the Systems Branch, Programs and Management Office, Procurement and Production Directorate.

A hail and farewell reception for the two officers was held last night at the Community Center.

A graduate of the University of Oklahoma



DoD leave policy change announced New Department of Defense leave policy

will eliminate the full "day of grace" now made possible by allowing military per- before the concrete work could be done, it sonnel to sign out on annual leave prior to their normal working hours on the day of

Effective Sept. 1, 1975, leave granting authorities may not authorize the start of annual leave until the end of the individual's scheduled duties. Departure day will continue to be counted as a day of duty not credited against leave.

on the departure day, they still may be at the end of this month. authorized to commence leave at any hour. The day of return will be counted as a day of Self Help program billets also did their leave unless the individual returns before 9 share of the work on the golf course culvert. a.m., in which case it will be counted as a They are UTCN Mike Keys, EOCN Mike

BUPERS Note 1050, dated July 17, 1975.

HOT WORK FOR ALL HANDS - A group of nine Seabees (three

of them from the Naval Support Forces Antarctica homebased at

Port Hueneme) and the remainder assigned to fill Self Help

project billets at NWC are shown working on a concrete culvert at

the China Lake golf course. While the hot weather made the job

Cdr. James H. Baker began his new at Norman, where he earned a bachelor's Baker was born in Shidler, Okla. He was graduated from the Heidelberg (Ger.) American Dependent High School.

He also has a master's degree in management science from the Naval Postgraduate School in Monterey.

Prior to his assignment in Virginia, Cdr. Baker was head of the Management Information Center at the Navy Supply Systems Command Headquarters in Washington, D. C.

The Navy officer also served a one-year tour from May 1968 to May 1969 on the logistics staff of the Military Assistance Command in South Vietman's capital city of

He is married to the former Kathie Alexander of Fox Chase, Pa., and the couple has four children. They are James, 10; Jody, 9; John, 6, and Jeff, 4.

Cdr. Nygaard's family will remain at China Lake for another year while the former Deputy Director of Supply goes to sea on board the USS San Jose.

Concrete culvert for drainage installed at CL golf course

A two-week job of installing a 200 ft. long concrete culvert at the China Lake golf course was completed last week by nine Seabees, including three men from the Naval Support Forces Antarctica.

The gently-sloped culvert is an improvement upon a drainage ditch that created a problem for golfers, who complained both about losing balls in the mud and weeds and running the risk of being bitten by snakes while looking for golf balls.

Quite a bit of excavation work requiring the use of heavy equipment was necessary was noted by Senior Chief W. T. Cava, NWC's Self-Help Project Officer.

Work on the culvert was directed by EO1 Roger C. Hanson, one of the three Seabees based at Port Hueneme who are assigned to Operation Deep Freeze.

After the hot summer weather in the local area, EO1 Hanson, CM3 Ron Giles and EO3 Bill Hybeck have rejoined their regular unit If individuals normally would be off duty and will be heading back to the South Pole

Six Seabees who are assigned here to fill Glodo, BUCN Mike Feulner, BUCA Jim Details of the new policy may be found in French, BUCA Cisco Serrano and CECN Ed



the purpose of calling attention to the U.S. Navy's 200th birthday on Oct. 13, 1975, as the entire nation prepares for the Bicentennial observance during the



The dramatic offensive use of submarines by Germany was the single most significant naval development of World War I. The sinking of thousands of tons of Allied shipping showed the desperate need for effective antisubmarine weapons. This need has continued.

In World War II, the program to develop and test an air-launched antisubmarine rocket led directly to the establishment of the Naval Ordnance Test Station, now NWC.

Public hearing slated Aug. 7 on budget for local school district

A public hearing on the budget for the second year of operation of the Sierra Sands Unified School District will be held next Thursday, Aug. 7, starting at 7:30 p.m. in the Burroughs High School library.

According to Ken Kinne, the district's director of financial services, the total amount available for expenditure during the 1975-76 school year will be \$10,656,149

Sources of income, and their amounts, County, \$43,189; and other income (from such things as rental of facilities, interest of equipment), \$82,243.

difficult enough, there were a few instances in which users of the

golf driving range (which is off to the right side of this photo)

incurred the wrath of the Seabees by insisting on their right to

"drive a bucket of balls" while the work was in progress and

could easily have injured one of the workmen with a low shot.

the Sierra Sands Unified School District are \$9,641,994. This amount doesn't include any increases in the salary schedule, other than normal yearly step increases on the previously existing salary schedule.

(including a beginning balance of \$972,455).

are: Federal, \$1,813,302; state, \$5,373,637; local property taxes, \$2,371,323; Kern income and miscellaneous sales and rental

The estimated expenditures for 1975-76 of

However, Dr. Howard Harmon, district superintendent, pointed out the anticipated ending balance on the expenditure side of the budget is \$1,014,155. This includes the sum of \$120,000 which is earmarked for salary schedule negotiations if and when it is received.

Part of the extra money officials of the local district hope to receive is reimbursement for school district land that was acquired by the Federal government in 1952 when China Lake formed its own separate school district.

Now that once again there is just one school district which serves the entire area, reimbursement is being sought from the Federal government for land that was formerly Indian Wells Valley school district

"If we get this money, it will be a regular thing," Dr. Harmon said, noting that the \$120,000 being requested is for both the 1973-74, and 1974-75 school years.

The estimated tax rate for the 1975-76 school year is \$5.65 per \$100 of assessed

College schedules orientation program

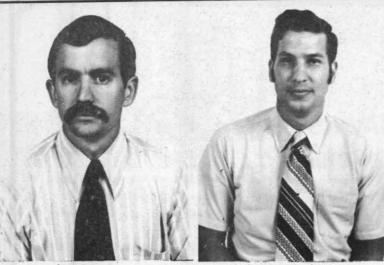
An orientation program for new students will be held at Cerro Coso Community College on Tuesday, Aug. 19, from 9 a.m. to

"Everything the new student needs to know but hasn't had a chance to ask" will be the theme of the program. Emphasis will center on dialogue with college staff members and peer counselors concerning basic academic information and the varied campus activities and services offered at the local educational institution.

A conducted tour of the campus will conclude the program.



racial injustice."





ROCKETEER

K. T. Katsumoto



Degrees awarded . . .

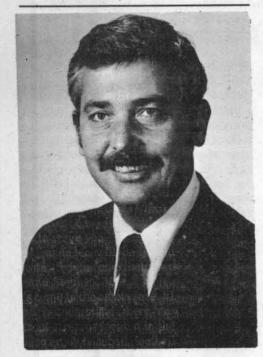
(Continued from Page 1) special field of study at that time was electrical engineering / plasma physics.

Crawford, a project engineer in the Aircraft Systems Department's Assessment Division, specialized in electrical engineering while studying for his MS degree at the USC School of Engineering.

Another participant in the USC graduate program in science and engineering, Lyda was enrolled in courses in mechanical engineering prior to receiving his Master's degree. He is employed at NWC as a mechanical engineer in the Air Weapons Department's Systems Analysis Division.

Katsumoto, a mechanical engineer, also earned his Master's degree at USC, where he specialized in studies on fluid dymanics. He is assigned to the NWC Propulsion Development's Quality Assurance Division.

Hardy and Ritchie both attended Stanford University for their studies which led to Master's degrees in applied mechanics and materials science and engineering, respectively.



Dr. Robert H. Nunn

ONR liaison post in London landed by ex-China Laker

Dr. Robert H. Nunn, who has served since 1971 as chairman of the Department of Mechanical Engineering at the Naval Postgraduate School in Monterey, Calif., has been appointed a liaison scientist for the London branch of the U.S. Office of Naval Research (ONR).

A former aerospace research engineer at the Naval Weapons Center, Dr. Nunn was nor more than \$500. awarded an NWC fellowship for study at the 2nd conviction — a fine of not less than \$25 University of California at Davis, where he nor more than \$500. received his doctorate. His background also includes a tour of active duty as a naval

In his new position with ONR, Dr. Nunn will be concerned with matters of scientific the state's anti-litter laws may be required and technical interest to the U.S. government agencies where their scientific interests in the European area are concerned.

Dr. Nunn's wife, Caroline, and his three sons (Mike, Ted and Bill) will accompany him for the first year of his 18-month tour in



Isamu Kurotori

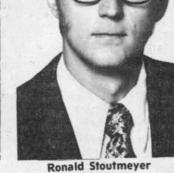


Hardy is a mechanical engineer in the



Kurotori was enrolled at the University of ing / structural mechanics at the University reliability engineering option. At NWC, he is this past June. employed as a mathematics statistician in the Propulsion Development's Quality Assurance Division.

degree was received from the University of Utah by Jain, who is a quality assurance specialist in the Engineering Department's anics Division, studied civil engineer- Department.



Arizona for studies that led to his Master's of California at Davis in preparation for his degree in mechanical engineering, with a Master's degree, which he was awarded

A Master's degree in electronics communications was awarded to Stoutmeyer by Montana State University. He is a physicist Onstott, a mechanical engineer, in the employed in the Technology Development Aircraft Systems Department's Aeromech- Division of the NWC Surface Missiles

New COM manager brings varied experience from working around world to China Lake

Moss learned the trade as a steward and

Overseas Airways Corp. Then he worked for

Union Castle Steamship Lines, Cunard

Steamship Lines, the Orient Steamship

manager, and mess manager.

Lines and Shore Savoy Lines as a steward,

He's traveled around the globe four times

and (outside of his homeland) he's lived in

Africa, Australia, Canada, Japan and

America. Since coming to California, Moss

has worked as the manager of the Wonder

Lodge in Bakersfield, the Lamplighter

Motor Inn in La Jolla, and the Vandenberg

The Redcoats are coming! But this time, Superior in Ontario, Canada. it will be a welcome invasion. then chief air steward for the British

Surface Missiles Department's RF

Technology Development Division, while

Ritchie is a chemist in the Engineering

Department's Engineering Design Division.

A master of engineering administration

Roy L. Moss, a world-traveler who was born and raised in Walthamstow, Essex, England, has been appointed the new manager of the Commissioned Officers'

Moss, a graduate of Norwich University in England, came to America in April 1962, his dossier stuffed full of credentials.

The new COM manager has worked for and headed some of the more elite eating places and hostelries in the world, including the HMS Queen Elizabeth's dining facilities and stewards, the Biltmore Hotels in Los Angeles and London, and Del Rey Yacht Club, Lakeside Country Club, and the Marathon Hotel at the northern tip of Lake

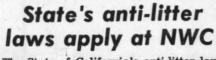
Inn in Santa Maria. In addition, he was manager of the Specialty Restaurants, Inc.

His final post before coming to China Lake was that of food and beverage director for Los Angeles' Biltmore Hotel, where he had 1,200 people working for him.

Moss has many plans for the COM, which will reopen on Monday with a new chef, menu and help. "I've got some ideas which I have to clear with the board first, but the club will be there to serve you," Moss said.

The new COM manager will be joined shortly by his wife, Sylvia, and their two sons-Paul, 17, and Stephen, 10.

Moss feels he's come to the right place. "I love to fish and I understand there are plenty of good trout streams located in the High Sierras. I also enjoy baseball, football clubhouse at the Lakeside Country Club and tennis, and I hope to indulge in all of and director of a chain of restaurants for those pastimes in this area," he concluded.



The State of California's anti-litter laws still apply at the Naval Weapons Center. While these laws may not have been emphasized in the past, more attention will be paid in the future to the enforcement of

Individuals convicted of violating the anti-litter law are subject to the following fines or penalties:

1st conviction - a fine of not less than \$10

3rd conviction - a fine of not less than \$50

nor more than \$500. In addition, for the second and subsequent convictions, those found guilty of violating to pick up litter for not more than four hours (2nd conviction), or not less than eight

hours (in the case of three or more con-

Applying the latter penalties is up to the discretion of the judge who handles the



COM TO REOPEN MONDAY - Roy Moss (I.), new manager of the Commissioned Officers' Mess, checks the menu with the club's new chef, Frank Blaines, in preparation for the reopening on Monday. The COM has been closed the past month for refurbishing and remodeling. Moss said that the club's operation will resume on Monday, complete with a new menu whipped up by Blaines, who came to China Lake from the exclusive Braemar Country Club in Tarzana, Calif.

UPWARD program supported

It is also a common defensive device to

change the subject when the discussion gets

uncomfortable. "We hear a lot of talk about women's problems, blue-collar workers'

problems, military problems, etc.,"

Kilpatrick said. "Those are very real, important problems, but that's not why

the discussion focused strictly on the central theme of UPWARD - racial

Mrs. Mitchell pointed out that the right of

members to keep their remarks within the

group confidential has resulted in much

more open discussions than would other-

wise have been possible. "Because this rule

is respected, we have had free discussions

between supervisors through the depart-

ment head level and subordinates in the

NWC organizational structure," she said.

Last Step Requires Action

cises, movies, take-home readings, and

discussion sessions, seminar participants

progress in 21/2 days to the last step of the

program - affirmative action. This step

requires the individual to take some

positive action toward alleviation of racial

"Sometimes people are unwilling to take

this step," Becker said. "While this is

discouraging, I suspect there's a learning

process even there - a confrontation of the

individual and his reluctance to act on his

Most participants are motivated to

suggest ideas to Command that may result

in further affirmative action. "The

recommendation that supervisors should

attend UPWARD seminars was the result of

one such affirmative action," Becker said.

"My own personal affirmative action after I

attended a seminar was to become involved

"A person who attends and participates in

personally and deeply involved," Lt. Bell

program really works. "Changing ingrown

attitudes is a slow process, but we're willing

to invest our time and energy because we

employees interested in attending UP-

WARD seminars watch the "NWC An-

as a facilitator for the program."

people to become aware."

own words."

Through a series of small-group exer-

mand especially encourages supervisors to do so. "The people who can really help the situation," Briley added, "are the supervisors because they're in positions where they can really do something to correct

The goal of the Navy is to have 100 per cent military participation in this program. A goal here at China Lake is also to reach as we're there — as facilitators, we try to keep many civilian employees as possible with this program.

How are local UPWARD seminars conducted? Briley explained that at NWC three teams of Racial Awareness Facilitators conduct the seminars, which are offered about three times each month and are scheduled and coordinated through the Personnel Department's Employee Development Division.

Those who are now conducting the UP-WARD seminars are Keith Becker, Roman Russell, Emanuel Dunn, Lt. Stuart Bell, Louise Mitchell and Louis Kilpatrick. The facilitators share training, ability and commitment.

"All our facilitators made an active decision to participate in this program. All are committed to increasing racial awareness and all have received special training in seminar techniques," Briley said. "In addition, I consider them to be a group of people who are remarkably aware of their own prejudices, remarkably understanding of the nature of prejudices, and highly competent in their seminar leadership."

Non-threatening Environment Created

"We want to emphasize that these are not encounter groups," Dunn stated. "We offer maximum opportunity for open discussion in a non-threatening environment." To keep the seminars non-threatening but still productive, seven basic ground rules are

They are: Be on time. Speak for yourself. Encourage others to participate. Confront ideas and thoughts, not personalities. Avoid generalizations; don't say "we all know that ... " or "most people ... " Stay on the topic. What you say here stays here.

"These are simple rules but some of them are surprisingly hard to follow," Russell said, "especially staying on the topic and avoiding generalizations. He explained that participants often find that their preconceived notions about other racial groups get in the way of seeing members of these groups as individuals.

"When I hear someone start in about 'you nouncements" for information on dates, people,' it's a pretty good indication to me locations, and method of enrolling.

Senior Girl Scouts attend outdoor training camp held in Wyoming

Troop 170 of China Lake, returned on July 24 from an enjoyable two weeks spent at a Girl dyed. Scout outdoor training camp located near

Chris Corzine, daughter of Mr. and Mrs. Robert Corzine, and Judy Schaniel, daughter of Mr. and Mrs. Carl Schaniel, were part of a group of three dozen Girl Scouts from all parts of the U.S. who took part in a comprehensive program of nature study, the environment and conservation.

Upon returning home, both girls packed up again and left for Camp Mountain Meadows on Greenhorn Mt., where they will assist the staff as counselors-in-training

The two weeks they spent as participants in the "Women in Wildlife" program both area and, in this isolated region, it was possible to see such varied wildlife as deer, Burroughs High School in September. elk and rabbits during hikes into the surrounding country that included one, overnight expedition.

The Girl Scouts in their group were each, and there were four young women in charge. Their days were filled with such activities as talks on forestry, hikes, and school.

Two senior Girl Scouts, both members of arts and crafts sessions in which they made looms and then spun wool that was later

> What they found most interesting, the two China Lake girls said, was working on the restoration of an old, pioneer cabin located on this 15,000 acre National Center West for

Living quarters for the scouts were tents with raised platforms as floors, and three girls were assigned to each tent. They rated the food, which they cooked for themselves on butane stoves, as "pretty good." The weather was warm and stable, except for one night when there was a storm accompanied by thunder, lightening and hail.

Applications to attend the "Women in Wildlife" program at Worland were sent last October to Girl Scout headquarters in young women agreed was a "great ex- New York by the two participants from perience." It was a 2-hr. drive from China Lake. Both have been involved in Girl Worland to the large Girl Scout camping Scouting locally for the past nine years and will be entering their senior year at

Miss Corzine and Miss Schaniel are enrolled in college preparatory studies at Burroughs, but neither of them has yet decided upon a particular college or divided into three patrols of 12 members university they wish to attend or the undergraduate field of study they plan to pursue once they have completed high



"THERE I WAS ..." — When two pilots get together, regardless of their rank, the subject will eventually turn to flying. Rear Admiral R. G. Freeman III, NWC Commander (r.), seems to be discussing aerial maneuvers while Rear Admiral H. E. Arnold, Director Tactical Air (Surface) and Electronic Warfare Development Division, OPNAV, listens intently. The Washington visitor was at NWC from July 23 to 25 to receive technical briefings and inspect many of NWC's facilities. The above photo was snapped while RAdm. Arnold was being shown one of the many helicopters used at NWC in support of projects and for other purposes.

Death brings end to 31-yr.career at China Lake for J. D. DeSanto

top scientists and engineers who have been associated with the conception, planning and growth of this premier research development and test center.

In so doing, they will come across the an UPWARD seminar cannot avoid being name of James D. DeSanto many times, mostly associated with rocket and ordnance said, summing up his feelings that this development and testing.

DeSanto, one of the very earliest Navy officers to be assigned to the Naval Ordnance Test Station (now NWC), died on feel that the UPWARD seminars help Wednesday, July 23. At the time of his death, the long-time China Lake employee was serving on the staff of the Technical The facilitators suggested that NWC

A graduate of Columbia University (New York), DeSanto came to the Naval Ordnance Test Station in September 1944, after serving as the Naval Proof Officer for rockets on the West Coast at CalTech. At that time, the rocket program was transitioning from CalTech to NOTS, and DeSanto, a lieutenant commander in the U.S. Navy, came here to run the ranges. Following his separation from the Navy in May 1946, DeSanto joined Civil Service and

Cerro Coso College Fall Semester Class Schedules Available

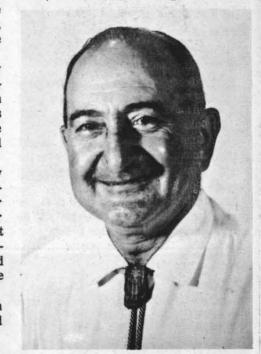
Schedules for the fall semester at Cerro Coso Community College are now available.

Local residents may obtain copies of the list of courses at the college switchboard or from local banks and businesses. They also may be found at the NWC Training Center, Administration Building, Community Center, or in the lobby of Michelson

Classes will begin on Aug. 25 and the fall semester closes on Dec. 23. Registration will be held from Aug. 11 through 19. Students who will be unable to sign up during those dates will be able to take advantage of late registration, which will continue through Sept. 5.

Prospective students interested in information about placement examinations are asked to contact the college's counseling office for a list of the dates for such tests. Veterans desiring to qualify for advance pay under VA benefits for the 1975 fall semester are urged to contact the Veterans' Affairs office immediately.

Historians, when writing about the Naval remained here. He was head of G-1 and G-2 Weapons Center, will catalog many of the ranges until 1950 when he was made head of Center's achievements and list some of the the Range Division of the old Test Department. In 1961, he became a consultant to Dr. Ivar Highberg, head of the Test Department (later the Systems Development Department). As a result of the reorganization that



James D. DeSanto

occurred in 1971, DeSanto was placed on the Engineering Department staff as a con-

DeSanto, a nationally-known authority on rockets, ordnance and missile flight safety, was the chairman of the Ammunition Safety Committee at NWC at the time of his death. He also was an advisor to the Center's Design Review Committee, and served for many years as a member of the Environmental Qualifications Review Panel, the General Policy Safety Committee, and was the Center's representative on the Missile Flight Safety Group of the Range Commander's Council.

During his lengthy career at NWC, DeSanto received the Meritorious Civilian Service Award and a number of Sustained Superior Performance and Superior Achievement awards.

He leaves four children. They are James, 27; Sally, 25; Mary 23, and Michael, 21, and his mother-in-law, Mrs. Catherine Ehnborn. The funeral was held on July 26 at the All Faith Chapel, with interment at Desert Memorial Park in Ridgecrest.