

# Noted Violinist To Play For Concert on Nov. 30

Pinchas Zukerman, a brilliant young violinist and member of the famed Daniel Barenboim-Jacqueline Du Pre-Zukerman trio, will perform here for the second concert of the China Lake Civic Concert Association's 1972-73 season next Thursday, Nov. 30, at the Center Theater.

Some \$14 and \$12 season tickets are still available, but the \$17 section has been sold out for several weeks. Single performance admission tickets for next week's program will be on sale prior to concert time at the theater box office. They are priced at \$5 for adults and \$1.50 for students and enlisted military personnel.

Zukerman has scheduled an ambitious program for local concertgoers. His opening number will be "Six Variations in G Minor," K. 360, by Mozart, and he will follow that with Mozart's "Sonata in A Major," playing three movements — allegro, andante and presto.

"The 'Sonata in A Major,' by Cesar Franck has been scheduled to round out the first half of the concert. Zukerman will perform the allegretto ben moderato, allegro, recitativo-fantasia and allegretto poco mosso movements from the Franck piece.

Following an intermission, the famed violinist will present Paul Hindemith's "Sonata in E Flat Major," Opus 11, No. 1, and he will close the evening's entertainment with six arrangements by Fritz Kreisler — "Tempo di Minuetto," "Allegretto, in the Style of Boccherini," "Scherzo," "Polichinelle," "Liebeslied" and "Liebesfreud."

Born in Israel on July 16, 1948, Zukerman began studying the violin with his father at the age of seven. At eight he was enrolled in the Israel Conservatory and the Academy of Music in Tel Aviv, where his talent was immediately recognized, resulting in a scholarship from the American Cultural Foundation for further study at those two institutions.

In 1961, Isaac Stern and Pablo Casals, then appearing at the First Festival of Music in Israel, heard Zukerman play and recommended that he have the opportunity for advanced study in the United States. Stern remarked, "In 20 years of listening to young violinists, I have rarely heard as richly promising a talent as Pinchas Zukerman."

The young musician entered Juilliard (N.Y.), with the Foundation's continued assistance, and studied under the renowned Ivan Galamian. Further scholarships came his way from Juilliard and the Helena Rubenstein Foundation, so he continued his studies until 1966, when he returned to Israel for a reunion with his parents.

He won first prize in the 25th Leventritt International Competition in 1967 and since that time he has been on the concert trail, performing in most of the major capitals of the United States and Canada.

This season, Zukerman will appear not only in 30 cities in North America, but also in Europe and Israel.



Pinchas Zukerman, Concert Violinist

## Officers' Club Annual Meeting Planned Dec. 6

Plans were announced this week for the annual membership meeting of the Commissioned Officers' Mess, which is coming up on Wednesday, Dec. 6.

The 7:30 p.m. meeting in the Mojave Room of the Club will be preceded by the serving of hors d'oeuvres at 7.

Ballots for the purpose of electing new members to the COM board of directors will be mailed to members with the December bulletin.

## 1972 Desert Empire Fair Reports Profit of \$8,000

A profit of more than \$8,000 was realized by the 1972 Desert Empire Fair (staged Sept. 13 to 17), according to a report presented last week to the fair's board of directors by Bell Sidney, treasurer.

Not included in this sum, Mrs. Sidney said, is money that was brought in during the past year by the sale of annual and life memberships in the Desert Empire Fair.

The largest single source of income from this year's Desert Empire Fair was the admission charge of 25 cents per person for everyone over 12 years of age who had purchased neither an annual or life membership card. Receipts from this source totaled \$2,786.

Rental of space in Joshua Community Hall, the Desert Empire Fair's permanent exhibit building, brought in \$2,655—a figure that is expected to grow in future years now that the building has been completed.

In addition, the sale of advance ride tickets netted the fair a profit of more than \$2,400 on top of the 7 1/2 per cent commission that was returned to local groups and organizations whose members helped to sell such tickets. A total of 9,142 ticket books, priced at \$1 each, were sold.

The sum of \$1,969 also was added to Desert Empire Fair coffers by the local organizations that shared 20 per cent of their net sales from the operation of booths on the midway with the DEF, and another \$1,000 was picked up by the sale of advertising in the fair's program, the "Gulleywhomper."

From this grand total of nearly \$11,000 in income, expenses of more than \$2,500 were deducted to arrive at the final profit figure for the 1972 Desert Empire Fair. Major expense items included \$1,000 for trophies (not covered by donations) and miscellaneous expense of \$1,500 for such things as utilities, cleanup work and trash disposal, police protection, insurance, taxes and licenses.

## SHOWBOAT

MOVIE RATINGS  
The objective of the ratings is to inform parents about the suitability of movie content for viewing by their children.  
(G) - ALL AGES ADMITTED  
General Audiences  
(PG) - ALL AGES ADMITTED  
Parental Guidance Suggested  
(R) - RESTRICTED  
Under 17 requires accompanying Parent or Adult Guardian  
CS - Cinemascope  
STD - Standard Movie Screen

FRI. 24 Nov.  
"BEDKNOS AND BROOMSTICKS"  
(STD 117 Min.)

Angela Lansbury, David Tomlinson (Musical Comedy) Angela Lansbury, taking correspondence school lessons to become a witch and aid England in wartime 1940, is discomfited by the arrival of three waifs, evacuated from London and assigned to her care. The children discover her secret and, to keep them quiet, Lansbury gives them a magic bedknob that takes them on a bed into a world of fantasy. (G)  
SAT. 25 Nov.

-MATINEE-  
"SEVEN GOLDEN MEN"  
(STD 87 Min.)

Rossana Podesta, Phillippe Leroy (G)

-EVENING-  
"THE DAY OF THE WOLVES"  
(STD 92 Min.)

Richard Egan, Martha Hyer (Drama) Seven bearded men, strangers and known to each other only by number, gather under the leadership of the "Brain", Number One, and plan the perfect crime: to isolate a small town - cut it off from the outside world for three hours, and sack it. (G)  
SUN. & MON. 26-27 Nov.

"AIRPORT"  
(137 Min.)

Burt Lancaster, Dean Martin (Drama) Two brothers, one a pilot, and one an administrator, live within the confines of an international Airport. (G)  
TUES. & WED. 28-29 Nov.

"BEN" (STD 95 Min.)

Lee Harcourt Montgomery, Rosemary Murphy

(Suspense Horror) The perspicacious rooster who turned his pack on wicked Willard now directs an army 4,000 strong in a virtual takeover of the neighborhood supermarket, health spa, and candy factory. (PG)  
THURS. & FRI. 30 Nov.-1 Dec.

"MR. KINGSTREET'S WAR"  
(STD 92 Min.)

John Saxon, Tippi Hedren (Action Drama) John Saxon and his wife Tippi Hedren and land owners fight to protect their spread in Africa during the revolution between the British and the Italians. (Rating not available)

## Demonstration Of Sandpainting Set

The art of making permanent sandpaintings will be demonstrated at Monday night's meeting of the Desert Art League, which will be held at the Community Center, starting at 7:30 p.m.

Here to demonstrate the making of sandpaintings will be David Villasenor, of Glendora, who is the subject of a feature article in the November issue of "Westways" magazine, which reproduced some of his paintings.

Villasenor recently demonstrated his unusual talent at the Los Angeles County Fair in Pomona and at the Los Angeles Museum of Natural History. His designs are based on Indian lore, and he has studied American Indians for a number of years.



TOYS FOR TOTS—GySgt. Harold Logue (left) and GySgt. Gerald Hibbard, both of the USMC Liaison Office at NWC, begin to unload the first gifts of repairable toys at Fire House No. 1, while Capt. Gary Peck of the NWC Security Department's Fire Division, prepares to help. The 25th annual "Toys for Tots" drive gets under way today and will continue until Dec. 15. The drive is a joint Marine Corps-fireman sponsored program held each year to collect and repair toys for needy children of all ages. The drive organizers have contacted local church leaders and the Kern County Welfare Department for information about how many toys are needed and what age groups are represented and have issued a plea for toys "of any kind, for all ages." Persons who have toys they wish to donate to this worthwhile cause may call NWC Ext. 3717 or 5502 and the toys will be picked up. If donors wish, they may drop the toys off at Fire House No. 1, located on the corner of King Ave. and Lauritsen Rd.

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# nwc rocketeer

Naval Weapons Center  
China Lake  
California

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Yule Mail Deadline Near . . . . . 2  
Top Woman Official Here . . . . . 3  
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Death Valley Travelogue . . . . . 7  
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## Recreation Council Studies Plans For Changes at Schoeffel

A lengthy discussion on a proposal to modify Schoeffel Field recreation facilities highlighted last week's meeting of the joint Navy-Civilian Recreation Council.

Plans and cost estimates, prepared by John Gilliland, an employee in the Public Works Department's Engineering Division, were presented by Ray Gier, recreation director in the NWC Special Services Division.

Outlined by Gier was a proposal to convert Schoeffel Field for use by softball teams at a cost ranging from \$14,000 to \$25,000 depending upon which of three work plans was adopted.

The plans called for development of two softball diamonds, separated by an outfield fence, at Schoeffel Field. The difference in the cost of the three plans that were presented depended upon the amount of excavation to be done, the depth of the brick dust fill, and whether or not dugouts would be provided at each of the softball fields.

More than 50 teams are involved in various softball leagues that are a part of the recreation program provided for China Lake employees and residents, Gier noted, as he pointed out difficulties that have arisen trying to accommodate such a large group of players on existing facilities which, in the past, have included playing fields at Murray School and, in some cases, the use of the Ridgcrest park softball diamond. Questions were raised by Recreation Council members on the effect the proposed changes would have on the future use of Schoeffel Field as a site for flag

## Gifts to CFC Hit \$74,591

At the conclusion of this year's Combined Federal Campaign, the \$80,000 goal had not quite been reached, but campaign workers are confident that some returns not yet received will boost the final figure to the \$80,000 mark.

Donations as of Tuesday morning totaled \$74,591, Harold Moore, CFC treasurer, reported. "We'll have the final figure next week," Moore said. "It looks like there might be enough stragglers still coming in to raise the additional few thousand needed to meet our goal," he added.

NWC employees' generous donations to the CFC will help a total of 28 deserving agencies. This year's campaign slogan, "Happiness Is . . . a Helping Hand," reflects the philosophy of campaign workers that every little donation helps toward realizing the goals of physical and mental health and contentment.

football. In addition it was brought out that the Indian Wells Valley Colt League baseball program (for youngsters 15 and 16 years of age) would have to be moved to another location if the changes being discussed were made at Schoeffel Field.

Cdr. C. D. Brown, chairman of the Recreation Council, called for a thorough examination of all available alternatives before attempting to reach a decision, and the matter was tabled until the council's next meeting in (Continued on Page 5)

## Health Plan Open Season Ends Nov. 30

The annual "open season" on health insurance plans for Federal Employees and annuitants is currently under way and will continue through next Thursday, Nov. 30.

The 1973 brochures for all health benefits plans included under the Federal Employees Health Benefits Program have been revised. Many of these plans have changed benefits or rates, or both.

From now until Nov. 30, Civil Service employees have the option of enrolling in a health benefits plan or, if already enrolled, to change plans or type of coverage from self-only to self-and-family type enrollment.

In addition, some plans offer either high or low option coverage and a change to one or the other of these options also can be made during the health insurance plans "open season."

Any changes made at this time by a Federal employee or annuitant will become effective on the first day of the first pay period in 1973 (Jan. 7).

In order to make a change in health benefit plan coverage, employees must contact the personnel management advisor for their code in order to obtain and fill out a Health Benefits Registration Form. PMAs can be seen in offices located on the second floor of the NWC Personnel Department building.

Lorch, an employee in the Ad-



Mark F. Durham Keith L. Gardner Alison J. Kim Al G. Lopez



John R. Lorch James E. McGuire Dennis M. Moore John R. Peoples

## NWC Employees Awarded Master's Degrees by USC

Thirteen Naval Weapons Center employees, all recipients of the federal Employees Health Benefits Program have been awarded their Master's degrees during 1972.

The 13 who have completed their studies under the USC Graduate Program in Science and Engineering are Mark F. Durham, Keith L. Gardner, Alison J. Kim, Al G. Lopez, John R. Lorch, James E. McGuire, Dennis M. Moore, John R. Peoples, David A. Scott, James A. Shepherd, Wayne H. Tanaka, David W. Webster and Thomas R. Wee.

Six of those pursuing graduate studies with the help of NWC Fellowships—Lorch, Kim, McGuire, Moore, Scott and Shepherd—received Master of Science degrees in electrical engineering; four others—Gardner, Tanaka, Webster and Wee—acquired Master of Arts degrees in physics, and Durham, Lopez and Peoples were awarded Master of Science degrees in mechanical engineering.

McGuire, an electronic engineer in the Chief Engineer's Office of the Engineering Department, came to China Lake five years ago. A graduate of the State University of Iowa, he was awarded his MSEE degree last February, after completing three years of study in the USC Graduate Program in Science and Engineering.

Moore, who is employed as an

advanced Technology Branch of the Electronic Systems Department, has been at NWC for the past eight years. A graduate of the University of Wisconsin, he began working on his Master's degree in electrical engineering (communications) in February 1969 and received it three years later.

An electronic engineer in the Missile Systems Analysis Branch of the Weapons Development Department, Kim is a graduate of the University of Hawaii. Also the recipient of an MSEE (communications), he began work on his Master's degree in September 1969 and was awarded it this past June. He has been employed at NWC for 3 1/2 years.

McGuire, an electronic engineer in the Chief Engineer's Office of the Engineering Department, came to China Lake five years ago. A graduate of the State University of Iowa, he was awarded his MSEE degree last February, after completing three years of study in the USC Graduate Program in Science and Engineering.

Moore, who is employed as an

electronic engineer in the Infrared Weapons Systems Branch of the Weapons Development Department, came to China Lake 3 1/2 years ago. A graduate of the University of Nebraska, he began working on his MSEE degree in September 1972 and was awarded it this past January.

Scott was awarded a Master of Science degree in electrical engineering (control) from USC this past June, after two years of study. Employed as an electronic engineer in the Electro-Mechanical Branch of the Systems Development Department, he came to China Lake in July 1970, after being graduated from Arizona State University.

Shepherd received an MSEE degree, with a speciality in communication theory, this past June. Also an electronic engineer at China Lake, he came here 2 1/2 years ago—shortly after his graduation from Chico State College. Shepherd works in the Guidance Branch of the NWC

(Continued on Page 3)



David A. Scott James A. Shepherd Wayne H. Tanaka David W. Webster Thomas R. Wee



### Talk Slated About Ascent Of Mt. Everest

A talk about the climbing of Mt. Everest, highest mountain in the world at 29,002 ft., will be presented at the next meeting of the China Lake chapter of the American Institute of Aeronautics and Astronautics.

The meeting, a dinner affair, is scheduled at 7:30 p.m. next Wednesday, Nov. 29, in the Mojave Room of the Commissioned Officers' Mess. A social hour will precede the dinner, and the talk by Dr. Duane Blume, chairman of the Department of Biology at California State College in Bakersfield, will follow at 8:30.

Reservations to attend the AIAA meeting, which is open to all interested persons, can be made by calling James Serpanos, at NWC Ext. 3348, no later than Monday.

Dr. Blume, formerly assistant director of the University of California's White Mountain Research Station, was in charge of the oxygen equipment used during a climb up Mt. Everest that was made by an international team of mountaineers.

During his talk, Dr. Blume will show film slides depicting both the beauty to be seen and the dangers inherent in such an expedition.

### Safety Council To Meet Nov. 29

"How To Deal With the Drinking Driver" will be the topic of the next meeting of the Indian Wells Valley Community Safety Council.

Representatives of Alcoholics Anonymous, the Desert Counseling Clinic, and various law enforcement agencies will attend to discuss present and possible future local approaches to the problem.

The meeting, which will be held in the NWC Driver Education Building, corner of Nimitz Ave. and Hussey Rd. at 7:30 p.m. next Wednesday, Nov. 29, is open to all interested persons.

### PROMOTIONAL OPPORTUNITIES

Applications for positions listed in this column will be accepted from current NWC employees and should be filed with the persons named in the ad. All others desiring employment with the Naval Weapons Center may contact the Employment Division, Code 452, Extension 2049. Current applications (SF-171) or Standard Form 1972 should be submitted bringing your work history up to date if one has not been submitted within the last 6 months. The fact that positions are advertised in this column does not preclude the use of other means to fill these positions. Part of the ranking process of those rated as basically qualified will be a supervisory appraisal form that will be sent to the employees present and most recent previous supervisor. Selection shall be made without discrimination for any nonmerit reason.

Technical Director (Navigational Systems Engineering), GS-401-14—Applicants must be top level scientists or engineers with a comprehensive background in science or engineering which reflects a high degree of scientific skill, knowledge, and demonstrated research development, test and evaluation and executive management experience, and technical expertise in the multi-discipline field of electronics, computers, inertial instruments and systems engineering which could be applied to ship-based navigation systems for Strategic Weapons Systems, meeting Navy Department requirements for advanced and proposed national defense measures from the stage of inception of ideas through development of a system including its operational performance to meet advanced applications. The applicant's experience must demonstrate outstanding ability in the management and execution of major research and development, test and evaluation programs, and extensive and intimate knowledge of the science supporting application of electronics, computers, inertial instrumentation and systems engineering to naval ship and submarine navigation, as well as a command of the state of the art and recent advances in these fields so that the incumbent can primarily focus direct RDT&E efforts of the Navy in this field. The specialized broad areas desired include celestial, inertial, satellite, acoustic, topographic and magnetic means of navigation, the study of ocean bottom mapping methods, gravity anomalies and the coordination of world geodetic grid. Technical recognition in the scientific community as an authority in the board field of inertial instruments related to weapons systems and equipments is required. Applicants should sufficiently describe their experience to indicate the extent of professional experiences of the type described above. In addition, they should show data in connection with undergraduate and graduate degrees, honorary degrees, membership in national scientific societies, scientific publications, patents, and any other professional attainments. Specific experience in the field of ships or submarine navigation systems is highly desirable. Submit a current SF-171 to the Civilian Personnel Office, Employment Branch, Naval Strategic Systems Navigation Facility, Brooklyn, New York 11251, no later than 19 December 1972.

Clerk-Typist, GS-322-3 or 4, PD No. 7240194, Code 4041—This position is located in the Avionics Division of the Weapons Development Department. Incumbent performs secretarial and clerical duties for the associate head, Avionics Division, and other employees of the division. Job Relevant Criteria: Demonstrated telephone reception skills, experience typing administrative and technical subject matter, Magnetic Tape Electric Typewriter operation experience is desirable. Minimum Qualification Requirements: As defined in CSC Handbook X-118. File applications for the above with Elizabeth Soderstrom, Bldg. 34, Rm. 206, Ph. 2674.

Clerk-Dictating Machine Transcriber, GS-314-3 or 4, PD No. 7135184, Code 3523—Provides clerical support for two branches, 3523 and 3524, in the Electronics Systems Department. Incumbent types from handwritten or rough-draft copy, transcribes from dictaphone, technical notes, etc. Receives telephone and office callers, composes correspondence, receives and distributes mail, makes appointments, performs other clerical duties. Minimum Qualification Requirements: As defined in CSC Handbook X-118. Job Relevant Criteria: Incumbent must be thoroughly familiar with on-center secretarial procedures. A knowledge of the use of the IBM Mag Card Typewriter is desirable.

Secretary (Typing), GS-318-4 or 5, PD No. 7135127, Code 352—Incumbent is secretary to the head, RF Development Division, Electronic Systems Department. Performs regular secretarial and typing duties. As secretary to head, RF Development Division, receives and screens all on and off-center visitors; maintains division head's calendar; receives, opens and screens all personally directed correspondence and prepares replies on routine and non-routine matters. Informs, instructs and coordinates secretarial help in subordinate offices in accomplishing the work of the Division. Reviews all out-going official correspondence for conformance with Center and Departmental policies. Minimum Qualification Requirements: GS-4: 2½ years general clerical experience; GS-5: 2½ years general clerical and 6 months specialized secretarial experience. Job Relevant Criteria: Incumbent must be proficient typist and be thoroughly familiar with policies and procedures for reviewing official out-going correspondence. File applications for the above with Sue Prasolowicz, Bldg. 34, Rm. 206, Ph. 2577.

Supervisory Guard, GS-085-5, PD No. 4184, Code 8434, Corona Duty Station—The incumbent of this position is one of the sergeants of the guard directly under the supervision of the guard supervisor who is branch head. As a guard shift supervisor, he is responsible for supervision of approximately 5 guards who perform guard services at FMSAEG. Job Relevant Criteria: Ability to supervise. Minimum Qualification Requirements: 3 years of experience. File above applications with Charlotte Sieckowski, Bldg. 34, Rm. 303, Ph. 3118.

### Use Speed Line For Gas Only At Service Station

Patrons of the Navy Exchange service station are asked to use gasoline pumps in the "speed line" if all they require is gasoline. Patrons needing oil checks or other services should use the other lanes.

The Exchange has adopted this new procedure in order to give customers faster service and, hopefully, alleviate the long waits of the past.

In addition, Lt. E. N. Smith, Navy Exchange officer, has announced that employees will no longer "top off" gasoline tanks. The State of California Air Resources Board has recently proven that excessive hydrocarbon fumes are released into the atmosphere through this procedure.



PARISH PLAQUE AWARDED—Dr. Walter B. LaBerge (at right), NWC Deputy Technical Director, presented the first parish plaque to be awarded by the Catholic congregation of the All Faith Chapel during the 10th annual dinner-dance held last Friday night at the Community Center. The recipients of the plaque, whose inscription reads: "In gratitude for your exemplary generosity in the gift of yourself to our Parish programs," were Lt. Cdr. Desmond Coffee and his wife, Tiblene. Lt. Cdr. Coffee has given many hours as financial chairman of the Parish Council. In addition, he has coordinated high school age discussion groups so effectively that his work with teenagers of the parish reportedly has produced the best results ever achieved here. Mrs. Desmond, sharing in her husband's activities and raising their five children, also has helped by doing research work on material used in the parish Bible Study Group. The Desmonds were singled out from among members of the Catholic congregation as symbolic of many couples who have given unselfishly of their time in serving the parish.

### Death Valley Offers Much of Interest In Field of Human, Geologic History

Death Valley is unique among desert areas because of the great extremes found there — temperature and geography vary from place to place. The record high temperature of 134 deg. was recorded in 1913 and when it is hot on the flats, sometimes only five miles east or west up a slope it may be much less uncomfortable.

Another extreme is the lowness compared to the height found in Death Valley. The lowest points in the Western Hemisphere — 282 ft. below sea level — are found near Badwater, and Telescope Peak — not far from Badwater — is 11,049 ft. above sea level.

There is much human and geologic history to be found in Death Valley. Indian petroglyphs can be seen in more than 200 different places and many locations carry the names of pioneers and prospectors who were prominent during the gold rush era of California. Death Valley itself was named by the first groups of pioneers who crossed the area in 1849.

Right now is one of the best times to think about paying a sightseeing visit to Death Valley. During the winter days, the Monument basks in a mild climate, although it gets very, very cold at night.

Sightseers will find that State Route 178, through Trona, is one of the most direct routes to Death Valley from the Indian Wells Valley. Turn right through Wildrose Canyon and follow the signs to the Furnace Creek Ranch, located on State Highway 190.

Death Valley can be explored by using over 500 miles of improved roadways and many additional miles of primitive roads wind through the back country.

Furnace Creek, because of an excellent and dependable water supply from nearby springs, has always been a center of activity. An all-year Visitors' Center is available at Furnace Creek, where travelers may purchase maps of varying scales and a wide variety of useful publications. The



Visitors' Center also houses a museum where exhibits of geology, plants and wildlife are on public display.

Some interesting places to visit are:

The Harmony Borax Works' extensive ruins are located on State 190, north of Furnace Creek. A two-mile, sometimes muddy walk northwest across the salt flats will take visitors to mounds of dried mud that look like haystacks, which once yielded a form of borax.

Zabriskie Point, southeast of Furnace Creek on State 190, is an area of ancient lake beds, 5 to 10 million years old, that are especially dramatic at sunrise.

Artist's Drive, located off the main road south of Furnace Creek, will take sightseers through a rainbow canyon colored by oxidation. The even more intense color of Artist's Palette is found on a hillside

halfway through the drive.

One of the most spectacular scenic views in the Monument is Dante's View, located on the crest of the Black Mountains. The spot is 5,775 feet directly above Badwater, which is located a few miles south of Artist's Drive on Highway 190.

Over \$3 million in gold ore was mined at Skidoo, now a ghost town. Another ghost town is Rhyolite, in Nevada, just outside the Death Valley National Monument.

Scotty's Castle is probably the foremost sightseeing spot in Death Valley. It is a fantastic desert mansion built early in the 20th Century by Walter Scott, known as Death Valley Scotty, and his millionaire friend, A. M. Johnson.

The castle took about 10 years to build and cost \$2 million. Hourly tours are held daily from 9 a.m. to 6 p.m. and there is also a gift shop and snack bar available for visitors.



INGENUITY PAYS OFF—Superior Achievement Certificates for "Notices of Allowability"—were issued recently to employees in the Fuze Department by B. F. Husten, department head. The recipients were (from left) B. D. Macomber, J. A. McKenzie, M. E. Anderson, M. H. Brown and C. E. Engel. Each such invention was worth \$100 to the individual or team of employees who developed it. Macomber's contributions were listed as an "Automatic Range Reducing Target Detecting Device (TDD)" and a "Range Dependent Time Delay TDD." McKenzie teamed up with Engel to devise a "Solid State Fuze Select Circuit" and also joined two former Fuze Department employees (J. O. Dick and W. C. Bradford) in developing a "Doppler Signal Processing Circuit." The contribution of Anderson and Brown was called an "Adaptive Ordnance System." In addition, a Notice of Allowability was issued for a "Pulse Doppler TDD" which was the work of J. J. Nastronero and T. N. Bryla, both former Fuze Department employees.

### Employee In The Spotlight



Jane M. Bachinski

Most people would be satisfied if they could do just one thing well. To be an expert at a chosen occupation is the goal of nearly everyone. Yet, occasionally, there is that rare person who excels at nearly everything he or she turn their hand to. Such a person is Jane Bachinski.

Jane is a consultant on the staff of Dr. "Peggy" Rogers and she heads up Code 40705. "Basically," she says, "I'm an operations analyst within the Weapons Systems Analysis Division." Jane's rise in her chosen field has been quick, mostly due to the fact that she is an "expert" in every sense of the word.

And that should be enough. But there are many other sides to her character. She is an accomplished ice skater, a concert pianist, a celebrated horsewoman, private pilot and artist. She has worked as a petroleum engineer, structural engineer and mathematician. In addition, Jane has made many outstanding contributions to the community in which she lives.

"My mother was one of those people who felt that education was very important," Jane explained. "If I became interested in something, mother immediately arranged for me to take lessons or receive coaching in whatever it was," she added.

Jane was born and grew up in Kansas City, Mo., and attended the University of Kansas City where she was graduated with a Bachelor of Science degree in math and physics. One of her first jobs was with the J. F. Pritchard Co., a petroleum engineering firm, as a stress analyst.

During her growing-up days, Jane studied the piano and ballet (beginning at the age of 3½) at the Cranston School of Music, and evolved into an accomplished pianist. She presented so many concerts that eventually she was given her own radio program and performed for many years on Stations WDAF and KMBC in Kansas City, entertaining children of all ages.

She is a former member of the Kansas City Figure Skating Club and at one time performed during the intermissions of the celebrated Ice Capades. She also has accompanied local Girl Scouts on skating excursions, yet another facet to her many-sided life.

Jane came to China Lake in June 1946 and went to work with the Aircraft Projects Section under the old Aviation Ordnance Department. While there she met her husband, Tony. "I called Tony to arrange for some tests on the ground ranges and it was love at first voice," she said.

Later that same evening, Jane met Tony in person at a farewell party for Capt. J. B. Sikes, Commander of NOTS from August 1945 to November 1947. The Bachinskis were married in June 1949 and in 1950, pregnant with her first child, a son named Frank, Jane quit work to raise her family.

Kristine came along the next year and two years later Jamie was born. In 1957, tragedy befell Jane and Tony. Twin sons, Kurt and Keith, were born on Dec. 30, and Kurt died nine weeks later. Keith, who was mentally retarded, died at the age of 4½ years of

pneumonia and other complications.

Because of her special child, Jane became interested in establishing some sort of facilities for the training of retarded children in the local area. Due mainly to her efforts, the Indian Wells Valley Council for Retarded Children was formed early in 1961. As the leader of the Council, she involved herself completely in the program of communitywide education regarding this field, with the result that there was a ready acceptance of the special needs of these youngsters.

In her capacity as a mother and adult, Jane has worked diligently in many other community programs. She was a leader in the Brownie and Girl Scout programs, the Parent-Teachers Association, the Music Parents Group, the Pink Ladies Auxiliary of the Ridgecrest Community Hospital, and she also presented several outstanding music and dance recitals for the benefit of the community. The performers were mostly students of her piano and ballet classes, which she held in her home.

She also organized Brownie Troop 156 at China Lake and served for three years as neighborhood chairman in charge of the annual calendar and cookie sales. Jane's leadership ability has been recognized in every organization in which she has had an active part. She has been the treasurer of the China Lake branch of the American Association of University Women, and served as assistant treasurer of the 1963 IWV United Fund campaign and as treasurer of the 1964 campaign. She has held offices in WACOM and has served on the WACOM Executive Board.

In 1964 she was presented the Layman of the Year award by the California Teachers Association. In addition, in 1962 she received an award for outstanding community service from the Kern District of the California Women's Club.

In 1965 she was singled out as the Layman of the Year by the East Kern California Teachers Association.

Since returning to Civil Service in 1964, Jane has become a member of numerous professional and community organizations and is presently the only woman member involved in the tri-service target vulnerability program. Jane has received both a Superior Performance award and a Quality Step Increase due to her superior job performance at NWC.

### Library Lists New Books

**LIBRARY HOURS:**  
Monday-Friday: 2-9 p.m.  
Saturday: 10 a.m. - 4 p.m.  
Sunday: 2-4 p.m.

Readers are reminded that all employees, regardless of residence, are most welcome to use the Center Library.

**NON-FICTION**  
Abdill—Civil War Railroads  
DeBenedictis—The Complete Real Estate Adviser  
Fuller—200,000 Guinea Pigs  
Landau—Kissinger: The Uses of Power  
Matthiessen—Tree Where Man Was Born  
Ogilvie—Basic Ice Skating Skills  
Quinn—Original Sin  
Schramm—The Science of Human Communication

Smith—Instant Status  
Sunset—Cook Book of Favorite Recipes  
Sunset—Papier Mache  
Terrell—Land Grab

**FICTION**  
Barrett—The Love-maniacs  
Beach—Dust of the Yellow Sea  
Ely—Walking Davis  
Hosegood—Minotaur Garden  
John—Shadow in the Sea  
Masters—Ravi Dancers  
Michaels—Prince of Darkness  
Mystery Writers of America—Crime Without Murder  
Silver—Limbo  
Travers—Apartment on K Street  
Udipke—Museums and Women  
Williamson—Moon Children  
Willingham—Rambling Rose  
Yerby—Girl From Storyville

### The Rocketeer

Official Weekly Publication  
Naval Weapons Center  
China Lake Lake, California  
R. Adm. Henry Suerstedt, Jr.  
NWC Commander

H. G. Wilson  
Technical Director  
C. E. Van Hagan  
Head,  
Technical Information Department

### DIVINE SERVICES

**PROTESTANT**  
Sunday Worship Service 1015  
Sunday School—All Ages 0900  
Wednesday Noon Bible Study 1130  
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**  
MASS  
Saturday 1700 fulfills Sunday obligation  
Sunday 0700 0830 1130

**BLESSED SACRAMENT CHAPEL**  
MASS  
Daily except Saturday 1135  
First Friday only 1135 1700

**CONFESSIONS**  
Saturday 1545 to 1645  
Sunday 0800 to 0825

**CCD CLASSES**  
Sunday Kindergarten thru 4th grades 1015  
Wednesday Seventh and 8th grades 1900  
Above classes are held in Chapel Annexes across from Center Restaurant.

As announced Ninth thru 12th grades  
"In Home" Discussion Groups  
Monthly Youth Raillies  
Contact Chaplain's Office for specifics.

**JEWISH SERVICES**  
**EAST WING - ALL FAITH CHAPEL**  
Friday 1st and 3rd ONLY  
Sabbath Services 2000  
Saturday Sabbath School 0900

**UNITARIANS**  
CHAPEL ANNEX 95



PH1 D. C. Manderscheid, PH2 G. L. Taylor  
PH2 D. W. Yeatts, PHAN D. M. Jeneraux  
PHAA Shelle K. Borders  
Staff Photographers  
**DEADLINES:**  
News Stories Tuesday, 4:30 p.m.  
Photographs Tuesday, 11:30 a.m.  
The Rocketeer receives American 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 NavExOps P35, revised July 1958. Office at Nimitz and Lauritzen. Information published in the Rocketeer does not necessarily reflect the official views of the Department of Defense.  
Phones 3354, 3355, 2347  
Sunday Services 1930



By Jack Lindsey

The annual election meeting of the China Lake Golf Club will take place next Wednesday, Nov. 29, at 8 p.m. at the clubhouse. All golf club members are urged to attend, as this is the meeting when officers for the coming year will be elected. Curt Bryan, outgoing president, mentioned that free liquid refreshments probably will be served.

**Turkey Shoot Results**  
Sixty-five golfers turned out for the annual turkey shoot at the golf club last Saturday. Turkeys were won by 17 duffers. Unfortunately, the list of winners has been misplaced, so their names cannot be published. However, Curt Bryan asked that all members of the club be congratulated for making the final event of the year a "winner."

The tournament season will resume in February with the annual Cross-Country Tournament. Play on the back nine will be suspended soon, for approximately 6 to 8 weeks, as trenches will be dug for the new water lines. Hopefully, however, the back nine will be back into operation prior to the cross-country tourney.

**Hall Lanes Traveling Team**  
Leo Enriquez won a spot on the Hall Lanes Traveling Bowling Team (for junior bowlers), by defeating Buford Branson in a six-game scratch bowling match last Sunday. In another challenge match, young Bob Branson was turned back in his bid for team membership by Dale Diede.

Enriquez and Buford Branson will compete in a re-match on Sunday, Dec. 3, at 10 a.m. when Buf will attempt to regain his place on the team. All interested persons are invited to come out and watch the challenge match.

### Turkey Hunting Season Closes This Sunday

California's fifth fall turkey hunting season will close on Sunday, according to a reminder issued this week by the Department of Fish and Game.

Bag and possession limits are two birds of either sex per season and shooting hours are one-half hour before sunrise to one-half hour after sunset.

Among areas of the state that are open for the hunting of turkeys are those parts of Kern and Tulare Counties lying east of the main fork of the Kern River and north of State Highway 178.

The DFG cautioned hunters to obtain written permission from landowners before hunting on private land.



**VARSITY CAGERS LOSE FIRST GAME**—Jim Whisonant (No. 35, dark jersey), center for the Edwards AFB basketball team, easily outjumps Greg Moore, the 5 ft. 5 in. guard of the China Lake cage squad, during an exhibition game between the two teams held last Friday evening at Edwards. The China Lakers lost the contest (their first), 100-65, against a much taller Air Force team. NWC hoopsters, Rich Fleming (white jersey, No. 23), Pete Rice (No. 14) and Dale Dowd (No. 24), eagerly await the tip, which was controlled by the Edwards AFB team. —Photo by Bill Nicol

### Cagers To Swing Into Action Nov. 28

The China Lake Intramural Basketball program, which involves nearly 300 men playing on 24 teams, will get under way next Tuesday, Nov. 28, at 6 p.m., in the Center Gymnasium.

The program has been divided into three separate areas of competition — Divisions A and B, and the "Rockin' Chair League," for basketball enthusiasts 35 years of age or older.

Five teams will be competing in the "Rockin' Chair" division — the Dirty Dozen, 40-Love, Fuze Department, the Gentlemen and the Over-the-Hill Gang.

Division B has been divided into two sections. Playing in the first section will be Dispensary, Duke-72, the Hustlers, the NAF Officers,

The Red Devils, and The Snarfs. Teams competing in the second section of Division B will be Comarco, NWC Communications, The Devastators, Supply, The Tweets, and The Wallbangers.

Spectators will see plenty of skilled ball handling, accurate shooting and lots of action in the Division A games. Teams entered in this division are Ace-TV, The Blazers, Continental Telephone, The Ensigns, Loewen's TV, the NAF Hawks, and The Odds 'n Ends.

League play will begin next Tuesday at 6 p.m. with the Red Devils meeting the Dispensary, NAF vs. Loewen's TV at 7:30, and Supply against The Tweets at 9.

On Wednesday, Nov. 29, The

Gentlemen will take on the Over-the-Hill-Gang in the 6 p.m. game. At 7:30, Ace-TV will play an exhibition match against the NWC Varsity All-Stars, and Division B competition between Comarco and The Devastators will wind up the evening at 9.

Thursday night's action has the Snarfs pitted against The Hustlers at 6, NAF tangling with The Odds 'n Ends at 7:30, and The Fuze Department vs. 40-Love in the 9 o'clock game.

Basketball league action is scheduled at 6, 7:30 and 9 p.m. each Tuesday, Wednesday and Thursday at the Center Gymnasium. There is no charge for spectators and everyone interested is invited to attend the games.

### Gridders Prepare for MDISL Tourney

The 1973 Mojave Desert Inter-Service League flag football playoffs will get under way on Friday, Dec. 1, at Edwards Air Force Base, and NWC will field one of its strongest contingents in many years.

Almost an "all-star" team, the NWC representatives will include the entire civilian Roaches squad (the team that won the China Lake Intramural Flag Football League title), and seven military representatives from the other four teams in the league—the VX-5 Vampires, the NAF Hawks, the Dispensary Docs and the UDT-Seals.

At the present time, 14 men from the military teams are working out with the Roaches, vying for the seven remaining spots on the MDISL squad. They are Jim Seymour, captain of the Navy portion of the MDISL team, John Bateman, Tom Haus, Benny McCargo, John Hinton and Nick Mariani, all from VX-5; Bob Gaines, Denny Bagshaw, Rollin Hood and Joe Frezco, players for the NAF Hawks; Phil Estes and Gino Sticca, of the Docs, and Dave Glassar, who played for the Seals. Lt. Bill Siegal, of NAF, is manager of the team.

The Roaches, who all will be going to the MDISL play-off competition, are Gerry Caffery, player-coach of the entire team, John Martin, Buddy Phillips,

Randy Jaramillo, Mike Machowsky, Mike Sorge, Rich Lasell, Herbie Pinto, Rich Phillips, Phil Quinton, Butch Zotdli, Gary Hetherington, Pete Hamby and Jim Quinton.

NWC will play its first game at 1 p.m. next Friday, Dec. 1, against the Barstow Marines. If they win that game they will meet the winner of the George AFB vs.

Norton AFB game on Saturday, Dec. 2, at 6:30 p.m.

If the NWC squad loses its opening game, it will then play the loser of the George-Norton game at 1 p.m. on Saturday.

This will be a single elimination, consolation bracket tournament. To stay alive the NWC team must win ALL of its games, or lose only the first game.



**HARBIN RAMBLES ON END SWEEP**—Robin Harbin (carrying the pigskin) tries an end sweep during the Chiefs - 49ers game played on Nov. 8. Miss Harbin, who quarterbacked the '49ers, is given ample protection by (l.-r.) Anna Lipinski, Debbie Smith and Debbie Johnsen. The opposing player for the Chiefs (back to camera), is Mary Davis. The Chiefs won, 8-0. —Photo by Richard Beckwith

### Edwards AFB Defeats Local Varsity Cagers

The newly-formed NWC varsity basketball team journeyed to Edwards AFB last Friday to play a special exhibition match against a much more experienced Edwards team and came away holding the short end of the stick, 100-65.

The taller Edwards squad played tight ball control during most of the game and the local cagers never got their game going as all five starters fouled out.

Tim Higgins and Rich Fleming, forwards, and Greg Moore and Pete Rice, both guards, fouled out early in the third period, and center Lee Bess followed them soon after the fourth stanza began.

"Our boys have been playing for the past year without the benefit of referees and I guess we need to smooth out some of the rough edges," said Ted Bailey, coach of the NWC team. "However, I'm not unhappy with our showing as we did quite well for our first game together," he added.

The NWC varsity team has been formed to represent the Center in the MDISL basketball tournament, which will take place on Jan. 18, 19 and 20. In the meantime, the cagers will get the necessary experience and practice by playing exhibition matches against representatives of other military installations and teams presently competing in Division A of the China Lake Intramural Basketball League.

The varsity hoopsters will be seen in action every Wednesday in the Center gymnasium, starting at 7:30 p.m.

Bill Nicol, NWC athletic director, reported that the game at Edwards was tied, 39-39, at halftime, but the airmen pulled away after the NWC starters began fouling out of the game. "It was a runaway," he commented.

Edwards and China Lake met again on Wednesday night, but the score was not available at press time.

### Chiefs, Vikings Tied for Girls' Football Lead

The Chiefs defeated the Raiders, 15-14, in overtime in Girls' Flag Football League action on Nov. 15.

Tied 14-14 at the end of regulation play, the two teams lined up on the 40-yd. line for four plays each to determine the winner. The Chiefs gained 5 yds. more than the Raiders and were awarded one point which gave them the victory.

The Chiefs scored two touchdowns during regulation playing time via the Carol O'Dell-Laura Terrell passing combination. Lori Kunkel, of the Raiders, nearly won the game single-handedly when she scored two touchdowns in a losing effort.

**Vikings Blast 49ers**  
The powerful Vikings smashed the hapless 49ers in the second game of the twin bill at Schoeffel Field, using the rushing talents of Myrna Martin, Sheryl Garrard and Renda Totah. The Vikes shut out their opponents, 30-0.

The Vikings and Chiefs, tied for the league lead with identical records of 3 wins and 1 loss, will square off against one another at 6 p.m. on Nov. 29 at Schoeffel Field.

This game will probably decide the league championship and should be an exciting one to watch.



**WOMEN'S COORDINATOR SPEAKS HERE**—Mrs. Elizabeth B. Beggs, right, administrator of Control and Guidance Technology for the Naval Air Systems Command, confers with H. G. Wilson, NWC Technical Director, prior to her speaking engagement at a luncheon meeting of the American Society for Public Administration on Nov. 15. Mrs. Beggs, who is the Federal Women's Program Coordinator, called for more programs nationally to aid women in the Navy Department in attaining higher level jobs.

### Federal Women's Program Coordinator Speaks Here

Mrs. Elizabeth B. Beggs, Federal Women's Program coordinator for the Navy Department and also the administrator of Control and Guidance Technology for the Naval Air Systems Command (NASC), spoke on Nov. 15 at a luncheon meeting of the American Society for Public Administration about "Two Jobs, A Woman in the Navy Department."

Mrs. Beggs, an aerospace electronics engineer, first reviewed her experience in applying a technological background to Navy problems, such as when she was the project engineer at NASC for the Sidewinder Guidance and Control Unit, and then spoke of her role in the Women's Program.

Warming to her subject, the recently promoted (to GS-16) Alexandria, Va., housewife said that 91 to 92 per cent of women in the Navy Department are employed in grades GS-8 and under with less than .6 of 1 per cent in grades GS-15 and above.

"At NWC, 83 per cent of your women employees are GS-8 or below with none GS-16 or above," she said. "There are 13 women in the GS-13 to 15 range employed here, and 117 women in the training positions from GS-9 to GS-12."

"NWC is better than the Navy-wide situation, but not good enough," Mrs. Beggs chided, calling attention to her expectations that NWC would have an even more impressive record.

The women's program coordinator described herself as "trying to bust my way into the upper ranks for years," and has recently succeeded in attaining a supergrade. She is now only the fourth woman in the entire Navy Department to reach GS-16 status and is the first woman supergrade at NASC.

Mrs. Beggs feels improvement in the grade level distribution must come through training and qualifying women for higher level jobs. As an example she noted that more women should attend ASPA meetings, as she feels those who do well get both the training and the exposure required for supervisory positions at these meetings.

### Guards at Gates Issue Special Events ID Cards

New special events identification cards are now being issued by guards at the entrances to the Naval Weapons Center to persons who do not have a pass, but wish to come aboard the Center for the purpose of attending events that are open to the public.

At the time the special event ID card is issued by the gate guards, they will record the vehicle's license number and advise the visitors to proceed to their destination and return to the gate by the most direct route.

Visitors also are required to display the special events identification card on the right, inside part of their vehicle's windshield.

In order to make this new system work, the NWC Security Department has asked to be advised by the sponsor well in advance of any special event that will be open to the public.

Information including the specifics regarding the event, its name, date, inclusive times and an estimate of the number of persons expected to attend should be sent to Code 841 at the earliest possible time.

### Talk on Civil Engineer Lab Slated by AOA

A talk about research and development programs at the Naval Civil Engineering Laboratory at Port Hueneme will highlight next week's luncheon meeting of the China Lake chapter of the American Ordnance Association.

The meeting, which is open to all AOA members, their guests, and any other interested persons, will be held on Tuesday, starting at 11:30 a.m., at the Chief Petty Officers' Club.

Guest speaker will be Philip C. Russell, NCEL Public Affairs Officer, whose talk will be accompanied by the showing of film slides.

Reservations to attend the luncheon session can be made by calling NWC ext. 3230, 2214 or 7200.



**OPEN HOUSE DRAWS CROWD**—A throng, estimated at more than 500 persons, looked over the new China Lake Police Division building on Halsey Ave. during an open house in observance of Law Enforcement Night on Nov. 16. Detective Jim Watts (above) holds the attention of two young visitors as he explains the operation of special equipment that can be used to detect the presence of hidden microphones. Valuable information on how to protect one's home and property, using new types of locks that are available, was presented during the open house, which also featured displays of riot control gear, the Police Division's mobile command post, narcotics and weapons collections and fingerprinting equipment.

### 13 Receive Master's Degrees . . .

(Continued from Page 1)  
Engineering Department.

A physicist in the Electronic Warfare Division of the Electronic Systems Department, Gardner was awarded his MA in physics this past June. Employed at NWC for nearly three years, he is a graduate of Brigham Young University.

Tanaka, a physicist in the Research Department's Applied Sciences Division, was graduated from the University of Washington in June 1969 and began studying for his Master's degree in physics the following September, when he came to work at China Lake. Tanaka was awarded his Master's degree by USC this past June.

Also a physicist in the Research Department's Applied Sciences Division, Webster culminated nearly three years of study by being awarded his MA degree in physics in June, 1972. A 1969

graduate of the University of Missouri at Rolla, he began work here 3½ years ago—immediately after receiving his Bachelor's degree in physics.

Employed as a physicist in the Infrared Systems Division of the Weapons Development Department, Wee began his studies for an MA in physics in the spring of 1969 and was awarded the degree this past June. Wee majored in physics and math at Concordia College in Moorhead, Minn., where he received a Bachelor's degree in 1965. He has been an NWC employee for five years.

Durham, a mechanical engineer in the Systems Sciences Division of the Electronic Systems Department, was awarded a Master's degree in mechanical engineering this past June under the USC Graduate Program in Science and Engineering. Durham came to China Lake in June 1969 following his graduation from the University of Arizona, and began working on his MS degree in September of that year.

A mechanical engineer in the Conventional Weapons Division of the Propulsion Development Department, Lopez has been an NWC employee for six years. He began studying for an MSME degree in the spring of 1969 and received it this past June. Lopez was graduated from California State University at Long Beach before joining the work force at China Lake.

Peoples, who heads the Preliminary Design Group in the Weapons System Division of the Systems Development Department, has been employed at China Lake for eight years. A graduate of the University of Detroit, with a degree in aeronautical engineering, he began studies for his MSME degree in the fall of 1970, and successfully completed all requirements this past June.

### Dance Set Tonight At Officers' Club

Dancing to the music of "The Phantoms," a family "rock" group from Rialto, will be on tap tonight from 9 p.m. to 1 a.m. at the Commissioned Officers' Mess.



**PATENTS BEING SOUGHT**—The Navy is applying for patents on behalf of 14 employees in the Naval Weapons Center's Fuze Department, who recently received Superior Achievement Awards, in addition to cash gifts of \$50 each that were presented to them by B. F. Husten, their department head. The award recipients were (seated, from left) S. L. Redmond, W. L. Teeter, E. R. Middlemiss and R. T. Ferguson and (standing, l.-r.) T. W. Hampton, C. B. Lindsey, C. R. Hamilton, J. A. McKenzie, F. L. Menz and K. R. Wetzel. Four other Fuze Department employees—O. J. Sahoff, W. R. Magorian, J. F. Crossley and K. N. Morris—also earned identical awards, but were unable to be present for the photo. The title of each of the patents, and those responsible for their development, are as follows: "Target Discriminating Device," Sahoff; "Leakage Rejector," Magorian and Wetzel; "Linear Pulse Counter Apparatus," Lindsey and McKenzie; "Raindrop Analyzer System," Teeter; "Fuze Sterilization System," Crossley, Hamilton, Hampton and Morris; "Binary Explosive Logic Network System," Menz and Redmond, and "Laser Diode Selective Diffuser," Ferguson and Middlemiss.

# At Middle Earth House Help Offered to Those With Drug Abuse Problems

By Liz Babcock

Surrounded by a ghost town of empty Hawthorne houses, Middle Earth House, located at 313 Princeton St., is an oasis of vitality.

Automobiles and motorcycles of various vintages are parked in front of a door that remains open daily from 8 a.m. to 4:30 p.m. to young people who need help with drug abuse and related problems.

The furnishings of Middle Earth House are second-hand, scruffy and non-intimidating. A colorful poster proclaims "Have a Nice Day," and a handlettered sign on the wall presents the relevant words of Kahil Gibran:

Much of your pain is self chosen

It is the bitter potion by which the physician within you heals your sick self.

Therefore trust the physician, and drink his remedy in silence and tranquility.

Most hours during the day, young people can be found at Middle Earth House, taking advantage of its non-structured atmosphere, listening to music and "rapping" with Gary King and Pat Moore.

King, director of Middle Earth House, runs the project as an agency of the Desert Counseling Clinic, with the encouragement and active support of NWC. His assistant, ABH2 Moore, is assigned to NAF, and sent to Middle Earth House as the Navy drug exemption representative for the Center.

Another helper is Esther O'Neill, a counselor who works on a volunteer basis. Trained as a nurse, Mrs. O'Neill has worked in a rehabilitation center for ex-convicts and a free clinic, both in the Sacramento area.

Before he came to China Lake, King had experience as a group supervisor at Kern County Juvenile Hall. He was program director for the Copley YMCA while he was attending school in San Diego.

A graduate of San Diego State College, King pursued his major studies in the field of sociology, with a minor in psychology. A special studies group he worked with at San Diego State dealt with youth on probation and on welfare.

When King was a student in San Diego, he met Thom Boggs through mutual acquaintances. Boggs, a research engineer in the Fundamental Combustion Research Branch of the NWC Research Department's Aerothermochemistry Division, is well-known locally as director of the Reality Program, another help for drug addicts. At that time, he was looking for someone else qualified to help deal with the drug problem and to coordinate some community services in Indian Wells Valley. King was hired by the Desert Counseling Clinic for that job.

King is a man who lives with ambiguity. "What we're trying to do here sometimes changes on a daily basis," he said. "We have to maintain enough flexibility to operate freely within our established policy of operation—we're in the business of trying to meet needs within whatever capabilities and resources we might have."

"What's called the drug problem

is really a symptom of a lot of other problems," he explained. "We're operating on as many levels and in as many facets as we can to combat these problems."

Many of the causes of drug abuse, King feels, are bound together in a web of loneliness and alienation that ensnares many people who are not on drugs. "Why should I wait until someone O.D.s on the desert and his buddies dump him on my doorstep?" King asked, "Why not give him a place to go before that happens?" He added that Middle Earth House receives a number of calls not related to drugs as a function of its role as a community contact center.

The young people who come to Middle Earth House have a list of complaints which they feel are relevant to the drug problem in Indian Wells Valley. They feel there is nothing for them to do, at least nothing to do that they feel comfortable doing; nowhere for them to go and a paucity of job opportunity for their age group. "Getting a job that means something is a very heavyweight issue here," King said.

"Whether or not their parents or others who hear these complaints feel they are justified is not relevant — if the young adults themselves perceive a problem to be true, it's a real problem," he stated, expressing the opinion that loneliness and alienation from self and peers, a feeling of entrapment and physical and cultural isolation seems to be prevalent across all age groups here. "Those feelings filter right on down to the kids."

What exactly does the Middle Earth House staff do to help young people on drugs? "We do individual counseling, we do group counseling," King stated, adding that "We can't do a thing unless the person is willing to do something himself. If someone comes to us and says, 'I want to kick,' then we start trying to get him to face the questions 'Why are you using dope?' and 'What's happening?'"

In a case of actual physical dependence, the Middle Earth staff makes a referral to the Desert Counseling Clinic, Drummond Medical Group, or other professional agency equipped to deal with withdrawal symptoms.

A typical young person who comes to Middle Earth House for help is only mentally dependent on drugs. King first talks privately with the individual to determine the extent of his problem, then usually sends him to an in-depth group that meets regularly one evening a week at Middle Earth House. King explained that the purpose of the group is "to start building a trust level of other people—so a person can open up and freely express himself, a very difficult thing to do without support."

King also encourages each member of the group to maintain as much other contact as possible with Middle Earth House.

A man with personal insight into the feelings of the doper, King is crusading to bring young people with problems together where they can help one another to combat a prevalent defeatist attitude. He has spoken to a number of local service clubs on the function and goals of Middle Earth House. "I



**BUILDING A TRUST LEVEL**—In their group sessions, the Middle Earth House staff attempt to build support and trust as necessary tools toward self-awareness. Here Gary King (center), director of Middle Earth House "raps" with a small group of young people. A weekly evening group is well-attended and highly motivated, and members help one another to achieve feelings of self-worth and to combat defeatist attitudes.



**COMMUNITY CONTACT CENTER**—These two men are the full-time staff of Middle Earth House. ABH2 Pat Moore (at left) has been assigned to Middle Earth House by NAF as the Navy drug exemption representative for NWC. Gary King is director of the community contact center, which is run as an agency of the Desert Counseling Clinic. Open from 8 a.m. to 4:30 p.m. daily, Middle Earth House provides a place for troubled young people to find non-judgemental assistance for their problems.

am gratified by the warm response I received from the service clubs," King said. "My priority now is a street-level campaign in the form of posters, brochures, any form of media that disseminates the information to people who could use Middle Earth House. I want to make our existence known to everyone who needs it, and I want to emphasize that drop-ins are welcome."

What if someone needs help in the middle of the night? "Eventually I would like to staff this place 24 hours a day but right now we don't have the necessary amount of input from trained facilitators," King said. After hours, an electronic secretary instructs callers to contact Help Line. "If it's a crisis the Help Line people will call Pat, myself or Thom Boggs," King explained.

Discussing Middle Earth's relationship with Boggs and the

Reality Program and with other community agencies, King said, "We try not to duplicate social services. Thom has his own program — we each do our own thing, but we're in pretty close contact and we depend on each other for help."

The two men share involvement in yet another local program, One-to-One, a service that gives each adult volunteer a chance to help one troubled youth on a personal basis. The One-to-One Program, with King as its executive director, also is headquartered now in Middle Earth House.

King has negotiated recently with Kern County probation officers to conclude a contract allowing Middle Earth House to offer services to young people on probation in eastern Kern County. A qualified therapist will lead a regular group of these young people—their probation officer

may sit in. Middle Earth House also has furnished day care of a youth on house arrest.

Further plans include a regular adolescent group session at Middle Earth House which King and Nancy Jacobs, a counselor at the Desert Counseling Clinic, will lead.

Of this trend toward diversification and full use of the facilities, King says, "That's what I like — to be able to provide enough flexibility to meet existing needs without duplicating other available services."

### Visit Set by Aetna Insurance Agent

Howard Keenan, the Aetna Insurance representative, will be at the Community Center next Tuesday, Nov. 28, from 9 a.m. until 4 p.m., and on Wednesday, Nov. 29, from 9 a.m. until 3 p.m.

# Mobile Home Park Being Built By Seabees of Detail Falcon

Motorists headed out toward the Naval Weapons Center's back gate can see clear evidence of one of the newest construction projects in progress at China Lake.

Personnel of Detail Falcon, a part of Naval Mobile Construction Battalion Five from Port Hueneme, under the direction of CWO-2 H. A. Reynolds, officer-in-charge, for the past two months have been transforming a part of the old Hawthorne housing area into a new mobile home park for use by military personnel.

The 33 men of Detail Falcon arrived at NWC last May 15 and began work on the demolition of a group of 10 homes on Princeton and Ranger Sts. Ten days after their arrival here, however, the men of Detail Falcon were ordered to re-join the main body of NMCB Five on Okinawa.

NMCB Five, the Pacific alert battalion, was being redeployed to support urgent construction for the U.S. Marines in Thailand. This assignment included the construction of huts, galleys, water lines and storage tanks, roads, aviation facilities, wonder arch hangars, an electrical distribution system and parking aprons for the use of Marine aircraft.

During their three months' deployment to Thailand, the Seabees lived under spartan conditions and worked long and difficult hours in weather ranging from hot and dusty to hot and muddy, coupled with the ever-present annoyance of jungle animals, snakes and insects.

It was during this deployment

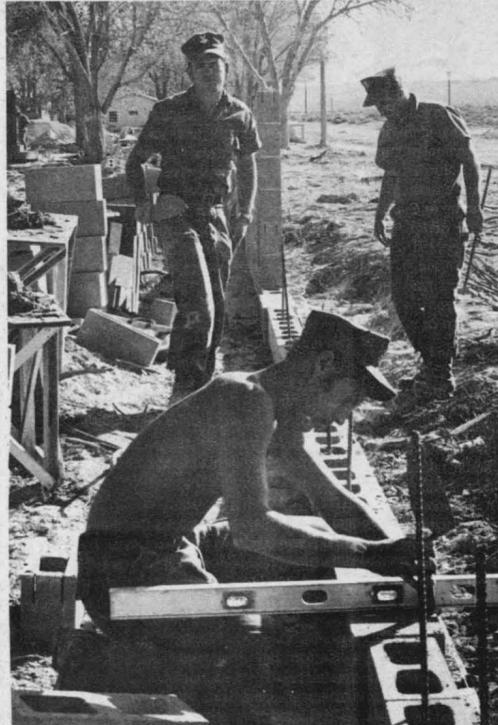


**SETTING FORMS** to grade before placing concrete footings for a decorative masonry wall required the use of a transit, shown being operated above by BU2 Steven Allen.

that NMCB Five was named "Best of Type" of the Pacific Naval Construction Force for the fiscal year 1972.

Upon completion of the work in Thailand, Detail Falcon was re-established and re-deployed to the Naval Weapons Center, arriving here for the second time on Sept. 25. Since that time, the Seabees have been busy placing concrete footings and a decorative block wall around the trailer park area, relocating overhead power distribution lines and moving them underground instead, and replacing water and natural gas lines.

At the present time, the Seabees are working on a sprinkler system and landscaping, as well as road improvements leading up to completion of the trailer park on or about Dec. 20.



**EXACTING WORK** — Construction of a decorative masonry wall requires painstaking work to insure that each layer of blocks is level. Checking to make sure of this before proceeding with the work is BU3 Ronald Gibbons (in foreground). The two other Seabees are BU2 Kenneth Kennedy (at left) and SW1 Samuel A. Beatty.

Also scheduled for future development as a part of the 11-unit mobile home park is a washroom and recreation-type multi-use building.

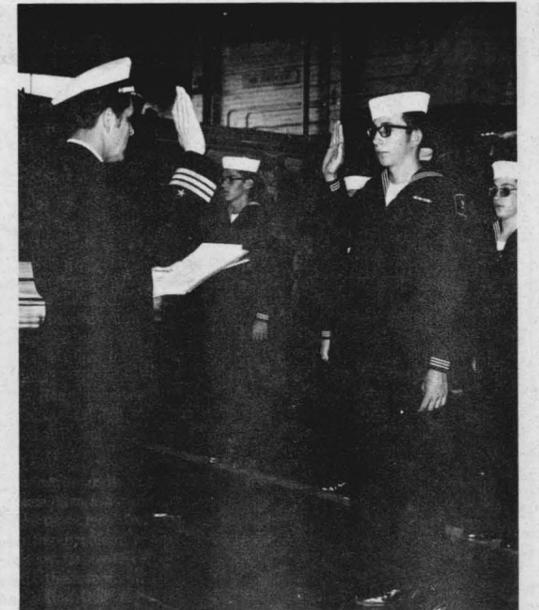
In addition to their work at the trailer park, personnel of Detail Falcon have been involved in such other Navy Self-Help projects here as the rehabilitation of a third wing in Barracks 880 and the construction of a model sales room for the Special Services Division's hobby shop.

At the same time, Detail Falcon also has sent three men to the Naval Air Station at Fallon, Nev., where they have been involved in another Self-Help project—the installation of lights for a recreation area.

After completing their assignment here around Dec. 20, the men of Detail Falcon will rejoin NMCB Five at Port Hueneme for a six-month training and planning program in preparation for the battalion's forthcoming deployment to Europe.



**UTILITY LINES INSTALLED** — Operating a back hoe, EOCN Gregory Benscoter digs trenches for underground utility lines.



**SEA CADET ENLISTS IN NAVY**—Cdr. George Burdick, USNR (left), Commanding Officer of the VX-5 squadron of the Sea Cadet Corps, administers the oath of enlistment in the U.S. Navy to E-3 Ronnie A. Martin, son of Mr. and Mrs. Archie V. Martin, of Ridgecrest. A charter member of the local Sea Cadets, young Martin will take his E-3 rating into the Navy, by-passing boot camp, due to his Sea Cadet training. Martin will be graduated from Burroughs High School in January and will then proceed to Long Beach to pick up orders that will send him to the Naval Electronics School in Memphis, Tenn. —Photo by PH2 G. L. Taylor

## Recreation Council Meets . . .

(Continued from Page 1) December.

During the interim, Gabe Imer, who heads the Special Services Division, said that he and his staff will make further studies to determine what other fields are available for softball, contact the Seabees to find out what assistance might be available through the Navy's Self-Help program to improve recreation facilities, and attempt to revamp plans for the modification of Schoeffel Field in such a way that it will be possible to accommodate both softball and flag football programs.

Reporting on two items carried over from the October meeting of the Recreation Council, Cdr. Brown stated that residents of Desert Park (Wherry Housing) are interested in the development of a recreation building in their area. Alternatives and availability of buildings are still being explored. In addition, Cdr. Brown also reported that plans are moving ahead for using money contributed to the TV booster fund for the purchase of equipment needed to improve the reception on Channels 2, 5 and 13.

Recreation Council financial support was approved Tuesday for the purchase of equipment that is needed in connection with the planned development of a skeet and trap shooting range.

At the invitation of Chief J. E. McMullen, chairman of the Enlisted Recreation Committee, a proposal for the development of an NWC skeet and trap range in the vicinity of the SNORT track road was presented by Chief Frank Weaver.

In his report, Chief Weaver informed Recreation Council members that he has lined up a 40-man labor force to work on such an installation, and asked for financial backing necessary to

purchase two automatic electric skeet machines and one trap machine.

Cost of purchasing this equipment and the expendable items needed for operation of a skeet and trap range were covered by Chief Weaver, who also mentioned the need for having both electric power and a water supply at the site.

A motion calling for Recreation Council support of the skeet and trap range proposal was passed unanimously. In addition to financial aid, the Recreation Council will investigate the cost of the special equipment that is needed, check into the possibility of obtaining assistance on the construction end through the Navy's Self-Help program, and also will approach the Shore Facilities Planning Board for approval of the proposed site.

At the same time, the matter of whether or not this activity will be operated under the Special Services Division or run as a separate club will be investigated.

Also approved by the Recreation Council was the outlay of an additional \$500 (making a total of \$1,000) for the development of a publicity room at the Community Center.

The additional funds, sought in a request made by Imer, will be used for the purchase of special wall panels, supports and lights needed to convert a small room just behind the reception desk at the Community Center into a place where displays about activities of general interest occurring within a radius of 250 miles of China Lake can be exhibited.

Information about events of general interest occurring as far away as the Mammoth Lakes, San Diego, and Las Vegas will be displayed and kept current, Imer said, adding that he expects this project to be completed within two months time.