

SHOWBOAT

FRIDAY JULY 12
"DAY OF THE EVIL GUN" (96 Min.)
Glenn Ford, Arthur Kennedy
7:30 P.M.

(Western) Long-absent husband returns to a small western town to find his family kidnapped by Indians, just before his wife was to marry another man. Chilling encounters follow as the two men try to rescue the women. Suspenseful (Adult, Mature Youth.)

Shorts: "Duel Personality" (7 Min.)
"Ninth World Water Ski Champs" (12 Min.)

SATURDAY JULY 13

MATINEE
"THOSE FANTASTIC FLYING FOOLS"
(92 Min.)
Troy Donahue

Shorts: "Nice To Have a Mouse Around the House" (7 Min.)
"Trader Tom No. 5" (13 Min.)
1 P.M.

EVENING
"OUR MAN FLINT" (108 Min.)
James Coburn, Lee J. Cobb, Gila Golan
7:30 P.M.

(Spy/Comedy) Our Don Juanish hero seeks the source of abnormal weather changes, and when the mad scientists can't eliminate him they capture his bevy of girl friends as hostages on a Pacific island. Fun and spicy adventure. (Adult, Very Mature Youth.)
Short: Subject (7 Min.)

SUNDAY JULY 14

SPECIAL MATINEE
"HAPPIEST MILLIONAIRE" (141 Min.)
Fred MacMurray, Tommy Steele
1 P.M.

SUNDAY-MONDAY JULY 14-15

"HAPPIEST MILLIONAIRE" (141 Min.)
Fred MacMurray, Tommy Steele
7:30 P.M.

(Musical/Comedy) Walt Disney tells of the eccentric tycoon with a penchant for boxing, pet alligators, faith in the Bible and our flag. The new Irish butler, daughter's romance and loads of music fill the screen with fun. (Adult, Youth, Children.)

TUESDAY-WEDNESDAY JULY 16-17

"GRAND PRIX" (174 Min.)
James Garner, Eva Marie Saint, Yves Montand
7:30 P.M.

(Racing Drama) HERE IT IS! The thrill-packed story of an American, British, French and Italian formula race car driver's life on the Grand Prix circuit of nine races leading to the world's championship. All the excitement and heartbreaks of their lives, both on and off the track. DON'T MISS! (Adult, Youth.)

WEDNESDAY JULY 17

SPECIAL MATINEE
"WONDERFUL WORLD OF BROTHERS GRIMM" (129 Min.)
1 P.M.

THURSDAY-FRIDAY JULY 18-19

"P. J." (108 Min.)
George Peppard, Raymond Burr
7:30 P.M.

(Mystery) This private eye has to dish out, and take, an awful lot of punishment to protect the mistress of a business tycoon whose life is threatened. Colorful Bahamas is the scene for this fast-moving thriller. (Adults.)
Short: "Hoppy Go Lucky" (7 Min.)

Do your share for Freedom!



Sign up for SAVINGS BONDS NEW FREEDOM SHARES

From _____
TO _____
STAMP



EVEN BIGGER FOR NEXT YEAR — Here, the Murray School Band assembles for the 1968 Spring Concert last May. Mrs. Alberta Kline (far right), Murray Music Director, expects to have about 65 student bandsmen for the coming term, with many new members coming up from the junior band ranks. Many bandsmen are now attending summer school.



FAREWELL AFTER LONG SERVICE — Capt. M. R. Etheridge, NWC Commander, bids farewell to Cdr. Max C. Jack, Military Assistant of Earth and Planetary Sciences Div., Research Dept., who has retired from active duty after 27 years. Cdr. Jack played an important role in his Division's steady increase in program and capabilities.

Karate Classes For Valleyites

A karate school is being formed for the people of the China Lake - Ridgecrest area, with a second-degree black belt holder from the All-American Karate Federation instructing.

Practice will be held at the Burroughs High School gymnasium on Monday and Wednesday nights from 6 to 9 p.m. Teaching sessions will be on Mondays between 7 and 9 p.m. Men, women, and children of all ages are welcome to attend, and for people who intend to work out but do not have a karate uniform, loose trousers and old shirts will be most acceptable. Uniforms can be ordered later for beginners interested in the sport.

Many people think of karate as a mysterious way by which boards and tiles can be broken. Also, fantastic tales of self-defense have been attributed to men who supposedly knew the art. But actually, there is nothing supernatural or mysterious about karate. Everything is accomplished by physical principles and by most effective use of one's muscles available for a particular movement.

The word "karate" means "empty hands" and refers to the historic fact that karate

was practiced for self-defense without weapons (as well as for body conditioning) by Oriental student-monks for many centuries.

But by now karate has become a sport common to both the Orient and the Western world. Sport karate teaches coordination, balance, agility, and provides excellent all-around exercise. Many karate schools also emphasize the development of character, sincerity, effort, and most of all self-control.

Class in Theater Operation For Students Begins

In Japan many girls and women practice the sport for benefits of self-defense as well as for keeping a good figure. Karate makes balanced use of almost every muscle in the body.

Area high school students will be given the opportunity to enroll in a class for "Theater Operation" to be given at the Center Theater each Monday and Wednesday at 10 a.m., starting Monday, July 15.

Arranged through the NWC Youth Center, the course will provide an opportunity to learn projector operation and maintenance, film inspection and ordering, and report filing.

Ray Schultz, theater manager and course instructor, said the students may get "on the job training" by assisting with Wednesday matinees throughout the summer.

'Soul Society' Plans Kaffeehaus

Local college-age students of China Lake and Ridgecrest calling themselves the "Soul Society," are attempting to create something new and meaningful this summer. The primary purpose of this group is to discover opportunities for creativity and involvement.

The first plan in this direction began with a night club which opened last Sunday evening, July 7, at the Beau Brummell in Ridgecrest. The "Air Circus," which has played in concert with "The Doors," and recently won the battle of the bands in Bakersfield, will perform there again this Sunday with the "Giant Crab" of Santa Barbara. There also will be time for folk-singers and other entertainment.

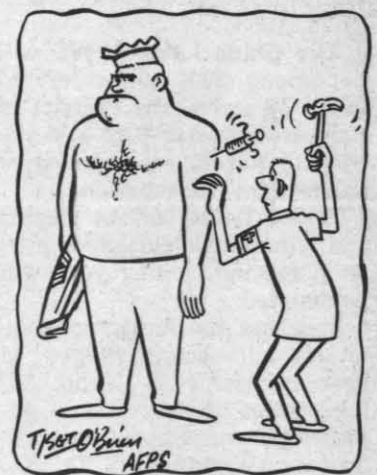
Over 300 young people of the Valley attended the opening Sunday. The club netted about \$180, which went into the Society's fund for a planned coffee house, to be opened soon.

The weekly evenings at the club are for ages 17-23, and no liquor is served or permitted. Tickets are \$1.50 at the door, and the dance begins at 8:30 p.m. Suggested dress is school clothes.

The entire "Soul Society" program, including operation

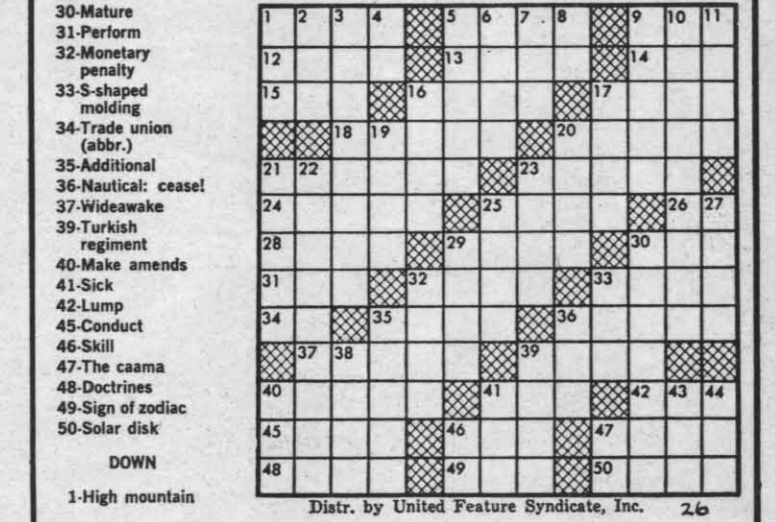
of the night club, is organized, planned and carried out by people in the 17-23 age group.

The planned coffee house site is to be chosen this week from among three possible sites, and is to operate every evening and weekend afternoons. Hot chocolate, apple cider and perhaps pizzas will be served there, besides coffee. The Society plans psychedelic lighting and paint work for atmosphere, and open microphones for amateur singing, poetry reading and the like. Round table discussions will be provided for. Dress will be "very informal."



CROSSWORD PUZZLE

- ACROSS: 1-Sea in Asia, 5-Barracuda, 9-Man's nickname, 12-Insects, 13-Woody plant, 14-Monetary unit of Bulgaria, 15-Moccasin, 16-Toll, 17-Flange, 18-Religion of the Moslems, 20-Keener, 21-Buy back, 23-Underground worker, 24-Genus of grasses, 25-Crate, 26-Hebrew month, 28-Musical organization, 29-Arrow, 30-Mature, 31-Perform, 32-Monetary penalty, 33-S-shaped molding, 34-Trade union (abbr.), 35-Additional, 36-Nautical: cease, 37-Midweek, 39-Turkish regiment, 40-Make amends, 41-Sick, 42-Lump, 45-Conduct, 46-Skill, 47-The caama, 48-Doctrines, 49-Sign of zodiac, 50-Solar disk.
- DOWN: 1-High mountain, 2-Inlet, 3-Unintentional occurrence, 4-French article, 5-Vapor, 6-English baby carriage, 7-Lamprey, 8-Symbol for tellurium, 9-Place in line, 10-Drinks, 11-Without end, 16-Entreaty, 17-East, 19-Dispatch, 20-Clenched hand, 21-Clerical collar, 22-Withdraws, 23-Female horse, 25-Walking stick, 27-Vegetable, 29-Soil, 30-Toward, 32-Golf cry, 33-Eggs, 35-Repairs, 36-Everyone, 38-Clayey earth, 39-Singing voice, 40-Mohammedan name, 41-Anger, 43-Employ, 44-Man's nickname, 46-Indian mulberry, 47-Cooled lava.



Distr. by United Feature Syndicate, Inc. For Use In Authorized Service Newspapers Only.

TEMPERATURES

	Max.	Min.
July 5	106	72
July 6	98	77
July 7	91	72
July 8	77	69
July 9	96	67
July 10	101	71
July 11	104	74

NWC Rocketeer Earns Award In Federal Editor's Contest



Vol. XXII, No. 28 Naval Weapons Center, China Lake, California Fri., July 12, 1968

Captain Etheridge Accepts Plaque In Washington

The Federal Editor's Association of Washington, D.C. has announced this year's Publication Contest winners in 11 different categories. The Naval Weapons Center Rocketeer was awarded 2nd place in the Government newspapers, and the only Navy newspaper to receive an award. Last year the Rocketeer was awarded 3rd place in the same contest.

First place in the newspaper category was awarded to the Agency for International Development for their publication, Front Lines. Third place was won by the U.S. Marine Corps Supply Center, Barstow, Calif., for their publication, The Prospector.

All publications were judged on the basis of appearance, editorial merit; the use of color, photographs, art and typography; and the general scope of reader interest. A government editor must have been directly involved in the preparation and production for the year 1967.

Captain M. R. Etheridge, NWC Commander, accepted the Blue Pencil Award plaque from Franklin Pugh, an officer in the Federal Editor's Association, Washington, D.C., after announcement by Pierce L. Rollins, president of the FEA, June 17.

The annual FEA Publications Contest Awards Presentation Luncheon scheduled for June 6, was cancelled due to the death of Senator Robert F. Kennedy. The Senator's campaign advisor, Pierre Salinger, was to have been guest speaker for the affair, Rollins said.

A preliminary selection of publications for the judging was made by: Joseph Young, Federal Spotlight Columnist, The Washington Star; Rowland E. Darling, Deputy, Superintendent of Documents, The Government Printing Office; S. I. Nadler, Deputy Assistant Director for Public Information, U.S.I.A.; Captain John Dinneen U.S. Navy, National President, Armed Forces Writers League, and Ellen Wadley, Director, Public Affairs, CBS Radio.



OUTSTANDING GOVERNMENT PUBLICATION — The Federal Editor's Blue Pencil Award placing the NWC Rocketeer 2nd place in the newspaper category in the annual contest for all Government publications, is accepted cheerfully by Captain M. R. Etheridge, NWC Commander (l), from Franklin Pugh, an officer in the Federal Editor's Association.

Captain Etheridge accepted the plaque in Washington, D. C. on behalf of the Naval Weapons Center when contest winners were announced recently. The Rocketeer, again this year as last, was the only Navy newspaper to receive an award in the 1968 judging. All publications were on display for public viewing at the Department of Commerce.

Reserve Naval Officers See R&D Progress at Michelson Labs



RESERVE OFFICERS ON TOUR — These reserve officers gather at Michelson Lab during a thorough tour of R&D activities and ranges at the Center, recently. They were briefed on current projects, and talked with military leaders.

Reserve officers were briefed on current projects, and talked with military leaders.

New Tax Surcharge

The effect of the new 10 percent Federal income tax surcharge signed into law by President Johnson on June 28, 1968, will be reflected in the civilian pay checks distributed to employees on July 19, 1968. Naval Weapons Center Notice 7401 will be distributed next week providing information regarding the increase in withholding and the new withholding rates.

CHAPLAIN'S MESSAGE

Live It Up

CHAPLAIN JUDE R. SENIEUR

Too many people think of religion as a prayer mumbling restraint on the things they would like to do. Actually religion is what gives us a capacity for enjoying life and the "know-how" to really live it up.

God's laws are designed to insure our happiness not to limit it. They are drawn from the purpose of human nature and aimed at the fulfillment of that purpose.

Much like traffic laws, God's laws are aimed at safety and security, not at satisfying our feelings. When signs are posted along the highway limiting speed to 35 or 50 miles per hour it is because experience has shown that only at this speed can a man travel with safety and certainty of arriving at his destination. We may "feel" like going faster and we may be physically able to do so, but not without endangering our own safety and offending the rights of others.

Whenever one of God's laws seems to limit our happiness, we need to step back and take a broader look at the situation. Perhaps the law may stand in the way of a momentary pleasure but it will never lessen lasting happiness.

A child may cry for awhile because mother will not let it play with a shiny, sharp knife. To the child it may seem like a cruel, unfair law. However, mother knows that the child will be happier with all 10 fingers in spite of a few tears than he would be with a moment of pleasure and a few serious cuts. Of course, we are not children. But we all have moments when our feelings get ahead of our intelligence.

We were created for happiness, and religion is the fulfillment of this purpose by observing God's will for our happiness. The pleasure of "doing what we feel like doing" has been known to lead to lasting happiness. To do the will of God the Father, who created us, is the one sure way to really live it up and find the happiness we are looking for.



PROMOTIONAL OPPORTUNITIES

Present Center employees are encouraged to apply for the positions listed below. Applications should be accompanied by an up-to-date Form 58. The fact that positions are advertised here does not preclude the use of other means to fill these vacancies.

Clerk-Dictating Machine Transcriber, GS-4 or 5, PD No. 445046, Code 4571 - This position is that of Secretary to the Head, Development Engineering Branch. The incumbent serves as visitor receptionist, answers branch head's phone, performs mail handling, typing, and filing duties related to normal clerical and administrative duties. Must be qualified typist. Filing experience using Navy system much desired.

File applications for above with Jan Bixler, Bldg. 34, Rm. 24, Phone 72723.

Computer Programmer, GS-334-9 or 11, Code 4063, PD No. 640189 - Incumbent provides an extensive programming capability to the Branch and wide variety of data reduction and scientific computation applications. Fork includes the mathematical formulation of problems, preparing flow charts, and writing detailed machine instructions including test routines and operation instructions. Qualifications: Experience which demonstrates proficiency in developing computer programs, formats, and structures. Also, a general knowledge of digital computer equipment and methods of operation and check-out as well as a knowledge of arithmetic and mathematics through calculus is desired.

File applications for the above with June Chipp, Bldg. 34, Rm. 26, Phone 72676.

An amendment to Leader, Heat Treater or Leader, Molder (Plastics) or Leader, Electroplater, ANNC, NO. NWC-Va-1458, issued June 30, 1968, is announced. The Closing Date has been extended to July 29, 1968.

Electronic Engineer - GS-11, 12 or 13, Marine Electronics Branch, Code H2011 - NUWC Hawaii - Undersea Engineering Division, Research and Engineering Department - Design, modify, and specify electro-mechanical and electronic subsystems. Performs as a circuit design specialist on projects ranging from control systems, digital systems and communications on undersea vehicles to under water range instrumentation and special support to the marine bioisotope program. In addition to a degree in electronic engineering or equivalent incumbent should have at least three years of circuit design experience.

File application for above with Don Hall, Personnel Management Staff, NUWC, Ponce de Leon, Phone 493.

'DESERT PHILOSOPHER'

List Your Needs Before You Travel



By "POP" LOFINCK

Before starting off on a safari into the boondocks you should have a check-off list, because the thing you forget to take along may be the thing you need most.

On a recent safari to the NWC petroglyph area, of 83 cars and trucks and over 300 people - there were only five breakdowns. That was lucky. There could have been many more over the rough roads. My punch line comes later.

The safari was led by Ken Robinson, director of the Maturango Museum, with a two-way radio. The rear was followed by Range Patrol Officer Don Mooney and myself, also with a two-way radio communication.

It takes some leadership to keep 83 vehicles in line and have them all do what they are supposed to do and keep happy, but Ken Robinson is a natural born leader.

About the so-called breakdowns. It was a hot day and two cars were so intent on keeping the interior of their car cool that the engines kept overheating on the first climb. They were given ample water and sent back.

One car had a gas tank puncture from a sharp rock. It was fixed with adhesive mastic tape and worked out all right for the rest of the trip.

One car had two flats and only one very old spare tire. So the spare soon went flat. Every car should have a good tire for a spare. On a long rough trip in the boondocks two spares are much safer. There wasn't another extra spare in the line that would fit his car - so he had to return on the rim, over a very rough road.

Now, here is the punch line - among 83 cars we could only locate two air pumps. Think of that! A good example of unpreparedness. Every individual supposed that the other cars would have what would be needed to get him back, and tools were scarce.

Fortunately every car seemed to have a good driver. They all negotiated some very tough spots successfully. Bravo for that.

About the check-off list - read the book "Common Sense in Desert Travel" by Carl and Barbara Austin. Price \$1.00 on sale at the Maturango Museum at China Lake or in bookstores, and one of the best books on the subject. It may save you much trouble or even your life.

Before starting on a safari - no matter how many cars - every vehicle should be checked to make sure it has what is necessary for survival.

Be a happy boondocker.



EXPLOSIVES EXPERTS TAKE A BREAK - Meeting old friends, conducting business and presenting the officers for the American Ordnance Association (AOA), was part of the program recently held in the Naval Weapons Center Officers' Club. New officers chatting with Capt. M. R. Etheridge (third-left), NWC Commander, are Col. Gilbert P. Dubia (l), USA (Ret.), assistant director, Advisory Service of AOA; A. Stein, AOA Program Chairman, and Dr. J. F. Reagan, Chairman of the American Ordnance Association, Air Arm. Div.

CENTER LIBRARY LISTS NEW BOOKS

A complete list of new books is available in the library.

- Fiction: Baldwin-Tell Me How Long the Train's Been Gone. Boll-End of a Mission. Holt-Queen's Confession. Whitney-Silverhill. Non-Fiction: Chu-The Pleasures of Chinese Cooking. Bresnahan-Track and Field Athletics. Gerhard-Lower California Guidebook. Kael-Kiss Kiss Bang Bang. Kelsey-Killing Defense at Bridge. Leckie-The Wars of America. Lederer-Our Own Worst Enemy. Thayer-The Farther Shores of Politics.

Corona Youths Pack Classes In Lake Sailing

The sailing class for high school students in the Corona Summer Youth Program, originally scheduled for 12 teenagers, burgeoned into a group of 29 at the first meeting held at Lake Norconian on the grounds of the Naval Weapons Center Corona Laboratories.

The Junior and Senior high school students, many of them girls, were eager to participate in the sailing lessons being presented by members of the Laboratory Boat Club.

By changing the prepared program and operating the boats in shifts, each of the students had an opportunity to at least find out what a ride in a sail boat was like.

"Additional boats and sailor members of the Club are being urgently recruited," said Richard H. Yost, Commodore of the Club, when queried as to what is to be done with the swollen enrollment. Most of the member-owned boats are small prams or cat boats with a normal capacity of two.

One offer which was gratefully accepted came from Robert Maxwell, Fire Chief of Norco, who launched his 14-foot Lido specifically to help in the program. Ordinarily outside-owned boats are not permitted on the lake.

Before they went out in the boats, the students were instructed in safety procedures by Glen Mosman, Safety Officer at the Laboratories, and in basic sailing by Commodore Yost.

In future sessions, copies of the booklet on sail-handling and procedures, written by Allen P. McGowan, one of the Club members, will be given to all former "landlubbers." Boat handling, rules of the road, and marlinspike seamanship will be covered in addition to actual sailing, during the course.

Strike Delays Hospital Preview

The July 13 open house preview at the Ridgcrest Community Hospital has been cancelled due to a strike, according to Ed Harris, administrator.

The idea of a public preview is not altered, he said, it is only being delayed. When construction progress permits, a new preview date will be announced.



MARJORIE REED



ALICE LAFLEUR

China Lake BPWC Elects National Convention Delegate and Alternate

At a recent business meeting, the China Lake Business and Professional Women's Club elected President Marjorie Reed and Alice Lafleur, delegate and alternate, respectively, to the National Convention of the National Federation of Business and Professional Women's Clubs being held in Minneapolis, Minnesota, July 21-25, 1968.

The China Lake BPWC will be among 3800 clubs located in all 50 states, the District of Columbia, Puerto Rico and the Virgin Islands, represented at the National Convention.

New officers will be elected and a national legislative platform for the coming year will be adopted.

Speakers the local representatives will be privileged to hear are: James E. Webb, Administrator of the National Aeronautics and Space Administration, Washington, D. C.; James Goetz, Lieutenant Governor of Minnesota; and Daniel Parker, Chairman of the National Association of Manufacturers.

Other China Lake BPWC members attending are Clara Bower and June Brown. Mrs. Brown is presently serving as Young Career Woman Chairman for the Tri-Valley District of Business and Professional Women's Clubs and is especially interested in the introduction of the "Young Career Women" selected by BPWC state federations throughout the country, which is a highlight of the convention. Another major feature will be the presentation of the 1968 Top Hat awards.

The convention will conclude with the installation of new officers at a banquet on the evening of July 25. Hope Roberts, Reno, Nevada, who has been serving as President-Elect, will succeed Mabel McClanahan, Appleton, Wisconsin, as National President.

Top Bowler Will Conduct Clinic

Bowling instructor Lou Bellissimo, who made a hit with bowling enthusiasts here during the recent grand opening of the China Lake Bowl, will be at the Bowl for a return engagement next week according to Bowl manager Fred Dalpiaz. Bellissimo, a member of the AMF "Staff of Champions," and one of the top bowling instructors in the country, will conduct a two-day clinic beginning at 10 a.m., Monday, July 15.

The clinic will be conducted in three sessions each day, beginning with a class for school children from 10 to 12 noon. An instruction period for ladies and children attending summer school will be held between 1 and 3 p.m., and there will be an adults only session between 8:30 and 10:30 p.m.

(Continued from Page 5)

people have access to parts of themselves they didn't have before, but what is the overall benefit to themselves and to others around them? Is the game worth the candle? Are the possible advantages coming from such things worth the potential difficulties or dangers one encounters with the use of drugs?

"To clarify this thought, a person could find Russian Roulette one of the most valuable experiences of his life because it really gives him a feeling of wanting to climb the highest mountain of success. But to advise one to play Russian Roulette as a therapeutic tool would be foolish.

"The concern of the community about drug use is not unjustified," Dr. Kramer commented when the students questioned him for advice involving the China Lake area. But the community should go a step further and not only look at drug use, but the many other forms of behavior people indulge in for pure thrill which produce a definite personal danger and are of no benefit to society. There is a form of behavior activity people undertake primarily for the thrill they receive from it and try to turn other people on to it. It's an activity fraught with danger; the mortality rate is fairly high; the injury rate is still higher than the mortality rate and, yet, it is looked upon different than drug use."

Dr. Kramer was referring to sky diving, which he feels has many of the characteristics of drug use. It's indulged in for thrills; it has no special value to society, and it does cause death and injury. He has yet to hear of anyone proposing a law outlawing it.

"The view that drug use is a phenomenon that should be handled primarily by law enforcement is a major mistake, a mistake which has been made for the past 50 years here in the United States. We have a problem now which is probably greater than in any other part of the world."

Law enforcement is necessary, he feels, but more emphasis should be placed on the medical approach. New methods and techniques should be tried in place of those which have been followed unsuccessfully for the past 50 years.

The trend, unfortunately, seems to be for the public to say, "Well, our current laws have not conquered the prob-

lem therefore what we need are tighter laws covering more drugs with longer and harsher prison sentences than the ones now on the books for such cases. There is no question but that law enforcement which is strict enough can completely conquer drug abuse, however the laws would have to be such which would either incarcerate for life or execute all drug addicts. Communist China, as far as Dr. Kramer could see, has successfully licked the problem of drug use, but their success would be something like throwing the baby out with the bath water, or, trying to kill a cockroach by blowing up the house. Their solution is one which does not solve the problem.

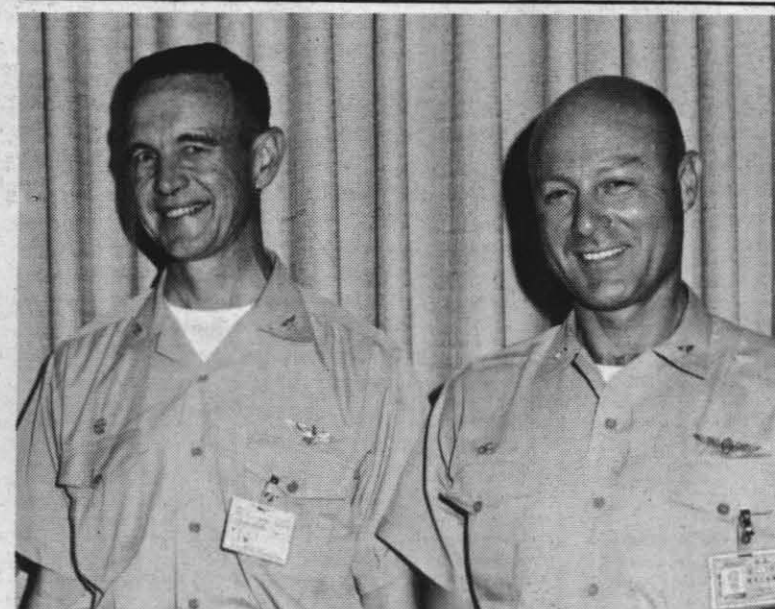
Concluding his discussion with the Burroughs High School students, Dr. Kramer related, commitment programs for addicts can be considered as an interim procedure between a totally punitive and evolving non-punitive approaches to the issues of drug dependence, though perhaps they will persist as an alternative for those who are not helped by other programs. Implicit in this view is the expectation that alternative approaches will be explored and encouraged. As new understanding of this problem develops, the public and its representatives hopefully will find less need for recourse to "control" and will be more willing to accept the idea of "treatment" of narcotic addiction, and of drug dependence in general.

Although the moonlight bowling is being conducted on an informal basis, individual scores are being recorded and awards will be made to the top bowlers at the conclusion of the season. Anyone interested in joining the program is requested to contact Youth Director Dick Wadman at the Youth Center, Ext. 72909.

Bowling Program Now Underway

The China Lake Youth Center announced this week that the Moonlight Bowling Program currently under way is expected to continue until the conclusion of the summer vacation period. The program, which is being offered to high school and college students, is being conducted each Monday evening from 9:30 to 11:30.

Although the moonlight bowling is being conducted on an informal basis, individual scores are being recorded and awards will be made to the top bowlers at the conclusion of the season. Anyone interested in joining the program is requested to contact Youth Director Dick Wadman at the Youth Center, Ext. 72909.



VISITING NEIGHBOR - Capt. Roy E. Breen Jr. (l), Commander, Fleet Air, Alameda, California, seems to enjoy his short visit with Capt. W. B. Muncie, Commanding Officer of VX-5. Captain Breen spent an afternoon recently at the Naval Weapons Center, Michelson Laboratories where he was welcomed aboard by Capt. M. R. Etheridge, NWC Commander. The captain also viewed the film: "Highlights of Naval Weapons Center Programs," and received briefings from Michelson Laboratories staff.

The Rocketeer

Official Weekly Publication U.S. Naval Weapons Center China Lake, California

Capt. M. R. Etheridge, USN NWC Commander

"J." Bibby Public Affairs Officer

Jean Rabe News Bureau

Frederick L. Richards Editor

Staff Writers John R. McCabe Ed Rand, Sports

Staff Photographers PH1 Gary D. Bird, PH2 Kenneth Stephens, PHAN Mike F. Kraus.

DEADLINES: Tuesday, 4:30 p.m. 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 in compliance with NavExOps P-35, revised July 1958. Office at Nimitz and Lauterstein.

Phones: 71354, 71655, 72082

DIVINE SERVICES

Protestant-(All Faith Chapel)- Morning Worship-8:15 and 11 a.m. Sunday School-9:30 a.m., Chapel Annexes 1, 2, 3, 4 (Dorms 5, 6, 7, 8) located opposite Center Restaurant.

Roman Catholic (All Faith Chapel)- Holy Mass-7, 9:30 a.m., and 12:30 p.m. Sunday.

Daily Mass-11:30 a.m. in Blessed Sacrament Chapel. Saturday, 8:30 a.m. Confessions-7 to 8:00 p.m. Saturday.

NWC Jewish Services (East Wing All Faith Chapel)-8 p.m. every first and third Friday.

Sabbath School-10 a.m. to noon, every first and third Saturday.

Unitarian Fellowship-For information write P. O. Box 5436, China Lake, or phone NWC Ext. 725591.

THE LOCKER ROOM

Keeping the Lawn Goin'



By ED RANCK

If you ever had trouble maintaining that piece of real estate at your home known as the lawn, consider the problems that face Ray Campbell each day. Ray is the custodian of a 126-acre lawn commonly referred to as the China Lake golf course. As head greenskeeper at the local course, it is Ray's job to keep the yard in top condition, despite the fact that the climate here makes the area something less than a gardener's paradise.

Under normal circumstances, greenskeeping does not rank among the top glamour jobs in the world. But in an environment best suited to jack rabbits and sage brush, it takes a considerable amount of talent and hard work to keep the course going. The fact that under these conditions the local course is in superb condition makes the behind the scenes story of the course's maintenance even more noteworthy.

The local course isn't quite ready to receive the call for next year's Open. Although most weekend golfers find the 6700-yard layout to be quite a challenge, the likes of Palmer and Nicklaus would have no trouble on the broad fairways and relatively flat terrain. But there are few courses in the Southern California area that are in better condition, and with the possible exceptions of such privately financed courses like Palm Springs, the China Lake layout is perhaps the best in the desert area.

GREATEST CONCERN IS WATER

Recently we talked to Campbell about some of the problems encountered in his job. It didn't come as a shock when he said that the greatest concern was water, and that tremendous quantities of the stuff were used in the daily combat with the heat. According to Campbell, water is pumped onto the course 24 hours a day, 7 days a week during the summer months. It takes a four-man crew, working around the clock nearly a day and a half to get the job done. Greens are watered every night and the fairways are soaked at least once in each 48 hour period.

Although the actual quantity of water that is used is uncertain, there is in excess of 20 miles of underground piping, plus over 800 sprinkler heads used to do the job. The sprinkler heads are spaced at 110-foot intervals along the sides of each fairway and connected to the main water supply through the piping network.

Not only is the application of tremendous amounts of water necessary, but the timing is critical. Campbell estimates that the average life span of a fairway in this area, without water, is four days. Greens, being much more sensitive to the elements, will normally last two days in the summer heat.

Fortunately, Campbell and his crew have tremendous amounts of water at their disposal. The stuff used at the course is called affluent water, that is it's reclaimed from the sewage system at China Lake. Under any other circumstances the cost of water for the course would be prohibitive.

SYSTEM HAS SEEN BETTER DAYS

The majority of the problems that occur concerning the water supply involve the piping system on the front nine. Built into the original nine-hole course, the system has seen better days, and Campbell estimates that his crew spends over 100 man-hours per month repairing leaks. With the constant breaking down of the system, there have been times when Campbell came close to losing greens because of the lack of water. The problem should be solved soon however, as approval was recently obtained for the installation of a new irrigation system in that portion of the course.

Maintenance, of course, doesn't stop after the water has been turned off. The Seaside Bent and Penncross grass which is used for greens is fertilized at least once every two weeks. To accept water properly, the greens are aerated, that is, two-inch holes are punched in the ground at certain intervals to facilitate the underground irrigation. There are 3500 new trees to be cared for and naturally the grass has to be cut.

The grass is cut to one-fourth inch on the greens, five-sixteenths on the tees, seven-sixteenths on the aprons, one and one-half inches on the fairways and two and one-half inches in the rough. For each type of cut a different type of power mower is used.

It all adds up to a tremendous job for Ray Campbell and his crew of 13 full time employees. But considering the great condition of the course, the effort isn't being wasted.

Ace TV First in Softball League By Defeating the Engineers 1-0

Bert Andraesen fired a four-hitter to beat Bert Galloway and the Engineers, 1-0. Tuesday night as Ace TV moved into first place in the China Lake Softball League. Andraesen won his 13th game of the year as the defending champions took a one-half game lead in the race for the pennant.

Held to one hit for the first five innings, Ace scored with two out in the sixth. Max Smith doubled, then scored on an outfield error for the games only run. Prior to the sixth inning, the Engineers had provided the games only scoring threat in the fourth when Joe Siebold and Bill Underwood singled with two out. Andraesen had little trouble after that, setting down the Engineers on one hit over the last three innings.

Galloway pitched one of his finest games of the year despite the loss. The Engineers' ace right-hander allowed just two hits and fanned six to run his season's strikeout total to 153.

Jim Dowda and Bob Brown led a 15-hit attack as El Rancho strengthened their hold on third place, downing the VX-5 Vampires, 18-10. Dowda and Brown each drove in three runs as the Banditos jumped to a 10-2 lead in the first three innings.

El Rancho scored single runs in the fifth and sixth then put the game away with six unearned runs in the seventh inning. Jim Prophet led the Vampire attack with a two-run homer and a run scoring triple. Chico Abrego also homered for VX-5. Pete Klassen was the winning pitcher for El Rancho, while Jack Gann took the loss.

Bob Palmer drove in five runs with two doubles and a single as Ace whipped the tail end NWC Tigers, 13-5. Palmer doubled home two runs in the first then hit a bases loaded double in the second as Ace jumped off to an 8-3 lead in the first two innings.

Corona Labs Ball Team Tops Indy League

The Softball Team of NWC Corona Laboratories took a 17-1 victory over Corona Community last Monday to remain undisputed champions in the Corona Recreation Department Industrial Softball League. Crisler, Parker, Mann, and Peake each got two hits. Parker scored four and Peake three of the runs. Everyone on the team scored at least one.

With the season half over, each team in the League has been downed by the locals. Our standing is 6-0. Next game is scheduled for July 15 with Corona Community. July 22, we meet the powerful Evans nine again.

In the game before last, NWC smothered Guerdon Industries, 24-4 at City Park. Larry Hall hit a home run. Carl Ashley and Bill Tuttle shared pitching honors.

Ace scored five runs in the seventh on two walks, two hits and three Tiger errors. Rudy Marqued led the NWC attack with two hits while Drex Moulder also had two for the winners. Andraesen went all the way for the win, allowing four hits and striking out nine. Gene Lambert was the loser.

Clutch hitting and base running by Dick Braun was the difference as the Vampires defeated the NAF Hawks, 8-7 in nine innings. Braun doubled with two outs in the seventh then scored on an error as the Vampires tied the game at 5-5. In the ninth, Braun walked, stole second, moved to third on a fielder's choice, then scored on a pop foul to help VX-5 to their sixth victory of the year. VX-5 had to come from behind twice to win it after a two-run single by Ken Robinson and Rich Ortega's two-run double in the fifth had put the Hawks in front, 5-4.

Jerry Hines two-run homer in the eighth broke the 5-5 tie for the Hawks, but VX-5 tied it in the eighth when Gary Ellwanger singled home Ray Seeten with the tying run. Jack Gann was the winning pitcher in relief, while Don Sichey took the loss.

Table with 4 columns: Team, W, L, GB. Rows include Ace TV, Engineers, El Rancho, Magic Cleaners, VX-5, Gengo, NAF, and NWC.

Table with 2 columns: Player, Average. Rows include Galvin, Lyons, Dowda, Loft, Palmer, Aucoin, Smith, Paradise, Newmyer, and Moulder.

Table with 2 columns: Team, Runs Batted In. Rows include Carson, Hooper, Klassen, and Galloway.

Table with 2 columns: Team, Home Runs. Rows include Carson, Klassen, and Galloway.

Table with 2 columns: Team, Strikeouts. Rows include Galloway and Andraesen.

Table with 2 columns: Team, Next Week's Schedule. Rows include Ace TV vs Engineers, Ace TV vs Rancho, Ace TV vs VX-5, Ace TV vs Gengo, Ace TV vs Engineers, and Ace TV vs NAF.



RETIREES AFTER 20 YEARS — BM2 Willie D. Crowder Jr. (right) is presented a Letter of Appreciation by Captain R. F. Schall, Naval Air Facility Commanding Officer, during morning quarters recently. Crowder completed 20 years service with the U. S. Navy. Captain Schall's letter praised Crowder for his Naval Service and, in particular, for serving as Master-at-Arms in the Naval Air Facility barracks.

Archers Looking To '72 Olympics, Set Competition

Archery is to be one of the sports of the Olympic Games for the first time in 1972, and young archers of the Indian Wells Valley are invited to join the program of preparation. California's first outdoor Junior Olympic Championship tournament, set for San Gabriel on August 10, will be their first landmark in this program.

All members of the China Lake Bowmen and the Youth Center's Junior Olympic Archery Development (JOAD) program are invited to participate in the tournament in the San Gabriel Municipal Park. The shooting fee is \$2 per person. Trophies for first, second and third places in all divisions will be presented, and there will be refreshments at the event. JOAD is a program of the National Archery Association.

The outdoor rounds will be shot at distances of 30 and 20 yds. on a 48-inch target face, with 30 arrows at each distance. Scoring from target center will be 9, 7, 5, 3, 1, with a possible total of 540 points.

Archers Prepare for Contest

The China Lake Bowmen will hold an American round and an outdoor JOAD round of competition a week from tomorrow. July 20, at its outdoor range. Shooting time is set for 8 a.m. The shoot is open to all archers, with a target fee of 50 cents.

The American round is shot at distances of 60, 50 and 40 yards on a 48-inch target face, with 30 arrows at each distance. Possible total score is 810 points. Spectators are welcomed, and refreshments will be available.

The JOAD round will follow at 9:30 a.m., with ribbons to be awarded to the first three places. Equipment will be furnished by the China Lake Youth Center. Further information is available from instructor Robert Stedman at 375-7868.

Mark Loper, a member of the China Lake Bowmen and the Youth Center's JOAD program, took first place in the under 18-year group competition held at Mammoth last Saturday, July 6.



PRELIMINARY TRAINING — R. A. Gould instructs ladies on range procedures before they step up to the firing line during their

orientation. Each lady was assisted while handling firearms. The course was sponsored by the Sierra Desert Gun Club.



TAKING AIM — Diane Atkinson, using two-handed grip, fires at standard silhouette target under the watchful eye of Sierra Desert Gun Club instructor Cliff Reinholdt. Pis-

tol firing during the Ladies Firearms Orientation was supervised by Club instructors. Safe handling of firearms was stressed during preliminary training.

Firearms Instruction For Women Underway

A firearms orientation program for the women of the community was initiated during the month of May. The program began with a classroom session at the Richmond School cafeteria at China Lake on May 28, 1968.

The general instruction, primarily for handguns, covered firearms safety in the home and moral and legal responsibilities of firearm owners. This included a review of Federal and California laws pertaining to the use of firearms.

During the last two weeks instruction sessions were held at the NWC pistol range. The ladies were shown how to operate their personal pistols or a club loaned target pistol if they did not have their own.

The instruction on the range included operation of the pistol, familiarization with safety features, proper grip, loading and unloading, sight alignment and trigger squeeze.

Each woman was assigned an individual instructor for the time she was on the range.

Personal handguns were collected and checked at the range entrance and tagged with the owner's name.

When each practice session started, the ladies with their assigned instructor picked up their handguns and proceeded to the dry fire area for initial individual instruction. This was followed by actual firing practice on the firing line at a silhouette target.

Don Herigstad, vice president of the Sierra Desert Gun Club, said this firearms orientation program for the ladies was proposed because many husbands have given their wives handguns for protection, especially if they are away on travel frequently. However, many of the women have not

Discourage Dishonesty

There is an age old saying that: "locks won't keep a thief out but they do keep an honest man (or child) honest." This is as true today as it was when the first lock was invented. Locked doors, night lights and other discouragers of petty pilferage are necessary in a community.

A little foresight and preparation before leaving your house for a few hours or days may save your property and prevent temptation of an up-till-then honest person. The responsibility is yours, protect your property.

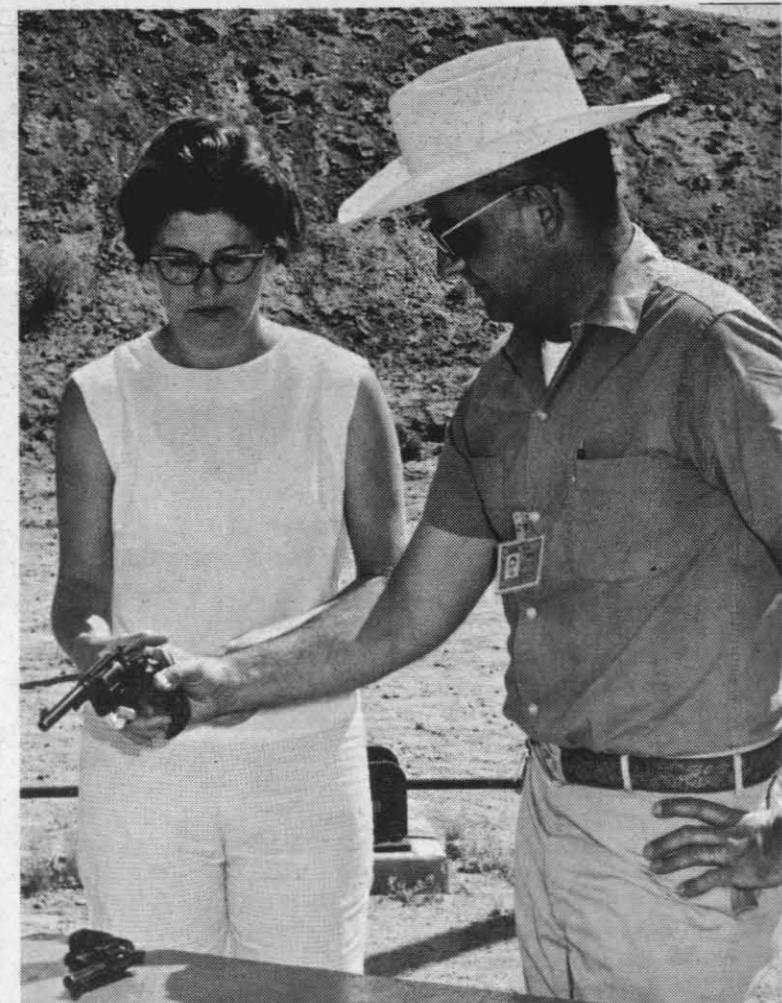
Carbon Tet. Is Household Danger

The Government has banned carbon tetrachloride in products intended for household use.

The Food and Drug Administration said swallowing carbon tetrachloride or inhaling its fumes can be fatal. The chemical can damage the liver, kidneys, brain and nervous system.

Since there are many safer substitutes available, the use of carbon tetrachloride in the household is an unnecessary hazard.

See if the dry cleaning solvents and spot removers you have on hand contain carbon tetrachloride, if so, do take every precaution recommended on its label. In the future these products will not contain carbon tetrachloride.



CAREFUL ATTENTION — Mary Gonder gets personalized instruction from David Ward on proper handling of her .38 caliber revolver. A half-hour period of practice and safe handling tips with empty guns preceded each firing.

TV Booster Fund Has \$24,600

The TV Booster Committee collected as of the 27th of June. Contributions are continuing and the drive is well on its way to success. The equipment for Channels 7, 9 and 11 have been purchased and has been shipped to San Francisco for final assembly and check-out. The Committee has been informed that within two weeks the installation will start. Present planning calls for installing the three amplifiers one at

a time, hopefully during the week of July 15-19. The Channel 4 amplifier has been in operation for some time now but is lacking one essential component. That piece of equipment is on its way and when it is installed, Channel 4 reception will improve vastly, according to Mr. Henry Wair, a Committee member. In the meantime it will be necessary to fine tune Channel 4 most carefully to obtain good reception.



BRIEF VISIT — Captain John I. Hardy, USN (Ret.) and Mrs. Hardy smile at friends who honored them at a reception at the NWC Commissioned Officers' Club recently. The Hardys stopped by to say hello to their many friends at China Lake enroute to their daughter Janet's graduation from Stanford University. The Hardys live in Cleveland, Ohio, where he is employed by Case Western Institute. Captain Hardy was the Station Commander from August 1964 until February 1967.

Advertisement for U.S. Savings Bonds New Freedom Shares. Includes text: JOIN THE STAR-SPANGLED FREEDOM PLAN. SIGN UP FOR U.S. Savings Bonds New Freedom Shares.

Students Visit Rehabilitation Center To Learn About Narcotics Addiction

Editor's Note — This is the fifth and final installment of Rocketeer articles dealing with the menace of narcotics, drug abuse and addiction, and rehabilitation. The staff is indebted to many individuals and organizations for wholehearted cooperation in providing information, consultation and material without which this subject could not have been presented.

BY MILT SHEELY

The group found itself waiting patiently in a small open court. The heavy, steel door had just closed with a loud bang directly behind them. As they peered forward, suddenly, the electrically operated gate slid open, allowing the group to proceed further into a larger open area.

There was no question about it — this group was now locked inside the double row of high, barbed-wire fencing, under the watchful eyes of guards and escorted by a special host. The group would not see the outside world again until some four hours later that day.

The sounds and thoughts undoubtedly went through the minds of four Burroughs High School students, the editor, a Rocketeer staff writer, and the Public Affairs Officer from NWC Corona Laboratories, during their visit to the California Rehabilitation Center for narcotics addicts on Monday, June 10 at Corona, California. Burroughs students Janet Stone, Delite Braspeninckx, Orin Jackson, and Tom Rice were enthusiastic about their visit to the CRC. They had expressed a desire to inquire further into the problem of narcotics, with emphasis on marijuana.

The Rocketeer coordinated arrangements for the visit with Glen I. Voran, Public Affairs Officer at NWC Corona Laboratories. Mr. Voran contacted California Rehab Center officials who set the visit up for Monday, June 10. Glen Voran, Fred Richards, and Milt Sheely, made up the remainder of the group.

Dr. John C. Kramer
Host for CRC Visit

Host for the affair was a gracious and informative man. John C. Kramer, MD, Chief of Medical Research at the Corona Center. In addition, Doctor Kramer is Assistant Professor of Psychiatry at the University of Southern California School of Medicine, a Research Associate at the University of California Medical Center, Department of Pharmacology and a member of the study group of the National Institute of Mental Health Center for the Study of Narcotic and Drug Abuse.

Before the students began asking questions dealing with narcotics, Dr. Kramer thought it advantageous to provide background information about the California Rehab Center.

Briefly the California civil commitment program for addicts has achieved a modest degree of success. On parole one out of three out-patients remains in good standing at the end of one year and one

out of six at the end of three years. Even this degree of success is tempered by the problems posed by repeated incarceration and the fact the program has been largely an alternative to jail or prison.

The California program was initiated in 1961 and is a part of the Department of Corrections. The CRC organization and structure are drawn from the contemporary field of corrections. Top level managers and administrators are all career correctional personnel. By statutory provision its purpose is treatment, rehabilitation and control, not punishment. Commitment may be based not only on the determination that the individual is a drug addict but also that he is in danger of becoming addicted to drugs.

The institution itself, though it retains some of the charm and lush greenery from its past as a resort, maintains double, barbed-wire periphery fences, armed guards, and rigid restrictions on visiting and communication between inmates and the outside world.

Inside the Center

The population of male and female inmates includes about 70 percent with immediately preceding felony convictions; 15 percent with misdemeanor convictions; about 10 percent are involuntarily committed but without preceding criminal commitments, and about 4 percent are voluntary commitments to the institution. CRC has been functioning this way for the past seven years.

At the present time there are more than 2,000 inmates in the institution; from 2,300 to 2,400 are presently on parole and on an out-patient status with another 700 in an out-patient status. This brings the total number of people under the control of the Rehab Center to about 5,000, which makes it the largest program of its type for drug addicts anywhere today.

Dr. Kramer emphasized this point: "Keep this clear," he told the students, "individuals committed here must be addicts or in danger of becoming addicted to narcotics," as defined in the California laws. This leaves out marijuana, amphetamines, LSD, and other drugs. However, we do have people whose primary drug use has been other than opiates such as heroin and morphine. The question of how opiate use develops is subject to a certain amount of controversy. In general, however, it is more the enforcement people who tend to emphasize the "graduation theory" than people who represent the medical profession."

Prior to the 1940's few people who became addicted to opiates had used marijuana. However, at the present time, on the east and west coasts of the United States, people who have become heroin addicts have used marijuana before they used heroin.

Dr. Kramer told the students, "One must be careful though, simply because one event precedes another in time does not mean that it causes it. For instance, mononucleosis is a disease which tends to occur in adolescence; mumps is a disease which occurs in children. Simply because most people who get mononucleosis have had mumps as children does not mean that mumps causes mononucleosis, despite the fact they are both viral diseases and they effect the glands."

Dr. Kramer has found that 78 percent of the population at CRC had used marijuana before turning to heroin. Some had used it a few times, while others had used it on a continuing basis before they thought of trying heroin. In other instances, it was found that some started marijuana and heroin almost at the same time. He concluded, therefore, it would be rather difficult and perhaps improper to state one is related to the other.

Janet Stone, a freshman at Burroughs posed this question for Dr. Kramer. "Why do marijuana users go on to heroin?"

Dr. Kramer said that it is erroneous to think that an individual starts with marijuana, gets a kick out of it, uses it for awhile and no longer feels a kick from it, and then he wants to try something with more of a bang. This view is of doubtful authenticity for a couple of reasons. First: because heroin users who have previously used marijuana go on to heroin and at the same time continue to use marijuana. An explanation for this action is rather simple. Each is a different kind of "trip."

Second, if an individual using marijuana finds that it's no longer giving him the same kick all he has to do is use more marijuana and he'll get a bigger kick.

Probably the major connection between marijuana use and heroin use, leading to the "Stepping Stone Hypothesis," is that the individual who willingly begins the use of marijuana is also the type of individual who may also be seduced into heroin use by the same group of persons. This "seduction" is a willing one and is part of the desire to be one of the "in-group." Heroin users do use marijuana. They may be the source of marijuana as well as a source of heroin. Most marijuana users do not go on to heroin, but those who do tend to spring their own trap. The marijuana user who also, knows heroin users

may demand, "Look, give me a taste of that!" Whereby the heroin user says, "Look man, you don't want anything to do with it, it's bad." And the friend who hasn't tried it yet says, "Listen, if you don't give me some, I know somebody who will. It might as well be you." "OK," says the user, and the individual is off to the races.

Overwhelmingly, people who use opiates or heroin don't care for LSD. To a very great extent, those persons who go for LSD tend not to like heroin. This is by no means absolute, but it's a pattern. Individuals who like amphetamines tend to like LSD.

Dr. Kramer also found that the "Stepping Stone Hypothesis" has other directions to it. Some people who have used heroin may go on to use LSD, to use alcohol, to use amphetamines and to drop the use of heroin.

There are individuals "hung up" on drugs in general. If they're hung up on one kind of drug there is often a tend-

The fact that there are other dangers associated with the use of LSD have convinced others to give it up and many others not to take it to begin with.

Dr. Kramer feels that each of these drugs presents its own peculiar problems to put all drugs into one category and to say that they all are equally dangerous to the individual or society Dr. Kramer feels is erroneous.

There are dangers to the physical well-being of a person; to the psychological well-being and to the social well-being of a person, and each must be distinguished.

The Danger of Addiction

The danger of addiction, clearly, is more serious with heroin than it is with other substances. Physical danger to the individual is greatest with the sedatives, the barbiturates — sometimes known as "downers" and sometimes more dangerous to the physical well-being of the person than heroin. If someone addicted to these



JUST THE FACTS PLEASE — Burroughs High School students Orin Jackson (l), Tom Rice, Delite Braspeninckx, and Janet Stone pay close attention as Dr. John C. Kramer, Chief of Research, explains the treatment procedures for drug addicts at the California Rehabilitation Center.

ency to get hung up in others. The issue, according to Dr. Kramer, is escalation of sensation a term he doesn't particularly care for, because he feels there is also a de-escalation process with many people.

From what is known, the majority of people who have tried marijuana or LSD will probably stop using them. Most have used LSD or similar drugs once or twice and have given them up. LSD often has disagreeable effects. If the first trip is a bad one many give it up then and there. Others, though, who have found the first one or two experiences agreeable may have found subsequent experiences bad and they vowed to quit for keeps.

As for LSD, a prolonged psychosis is a much greater danger as is the possibility of chromosomal damage. This is not a problem with opiates.

As for the amphetamines are concerned, heavy use may cause brain damage, while this is not the case with the other substances. Each substance has a different kind of danger.



HOST AT CALIFORNIA REHABILITATION CENTER — "I think there is a good deal of misconception about what sort of people addicts are. When you get to know them, they are surprisingly ordinary in their interests; they watch TV, — they may have had a very great interest in drug use — this does differentiate them from other people," so commented Dr. John C. Kramer, Chief of Research at the CRC to four students representing the Burroughs High School.

The potential dangers of marijuana were also discussed. People who use marijuana may have a psychotic break or an acute panic attack. It's also possible for people who drive under the influence of marijuana to become involved in a serious auto accident as may some people who drive under the influence of alcohol. These are some serious problems associated with the use of marijuana. In addition, Dr. Kramer stated that marijuana usually reduces aggressiveness.

Orin Jackson, Burroughs senior, posed the following question to Dr. Kramer. "What percentage of the people released from the Rehab. Center have been helped?"

After certain periods of time on parole the addicts are evaluated as to whether they are "in good standing." Dr. Kramer explained that a person in good standing is one who has been placed on parole and has not returned, nor been admitted to another similar institution, nor violated the terms of his parole. Most parole violations are for using drugs.

Good and Bad Standing

At the end of one year following the initial release, about one third of the people remain in good standing. After three years, about one out of five or six are in good standing; the remainder are in bad standing. This does not mean they are all back in an institution; they may have returned and later been released a second and a third time. It is difficult to evaluate what this means because, according to Dr. Kramer, the idea that drug addicts never get better is part of a mythology. That is, more addicts than hitherto was appreciated, stop using drugs on their own.

Again, Dr. Kramer recalled another survey he conducted at CRC. He found that of the 2,000 population, only 15 people were over the age of 50;

while only another 60 were in the 40 to 50 age bracket. Virtually the entire institution was under the age of 40. Now what happened to all the old addicts? Did they die? Were they all in prison? Certainly some had died, others may have been serving long prison terms, but the fact remained, many of them simply stopped using drugs. It seems after the age of 35 or 40 a surprising number of addicts have given up the use of heroin, while a certain number changed to other drugs such as alcohol, or amphetamines. With this in mind, it is rather difficult to evaluate the efficiency of the institution, though clearly some people have been helped a great deal, others, a little and many people have not been helped at all.

Tom Rice asked the doctor "to express his opinion and feeling about marijuana." "It's been around a good many years," the doctor reflected. "Many of the stories told about marijuana in the 1920's and 30's were grossly exaggerated. There is no evidence it causes brain damage. If used in extremely large quantities, it may produce a state of lethargy or apathy which seriously impairs the persons functioning."

"Does the use of a drug produce the symptom of an underlying personality disorder," asked Janet Stone.

"The person is hung up some how," answered Dr. Kramer, "but this doesn't satisfactorily explain everything. Most people are a bit hung up on some sort of drug. Many of us drink coffee, tea, have an occasional drink, smoke a cigarette or perhaps do deep-breathing exercises which changes the acid-base balance of our bodies and, in effect, is a kind of drug effect. Exercise makes a person feel good because certain chemical changes have taken place in the body which gives us a

Is there a misconception about what type of people addicts are? Dr. Kramer says "They are surprisingly ordinary in some ways . . . but they always have an interest in drug use which absorbs them completely."

feeling similar to that a drug might produce.

"Most of us have found techniques to make us feel happy such as listening to the radio, dancing, etc., things which most likely change the chemistry of our bodies. When one does it this way, it's perfectly acceptable to society."

"There are people who occasionally use illegal drugs who are not terribly hung up; there may be others who use no drugs at all and are very hung up. In general," Dr. Kramer said, "anyone who places himself in jeopardy using drugs or in physical jeopardy by sky diving is a little bit nuts."

"How does the use of marijuana effect the actions of a person," asked another student.

"People using large amounts of marijuana go into a kind of lethargic state in which they lose interest in everything except getting their marijuana or hashish."

For marijuana at the present time, there are a few dangers known to result from using it. In addition, the doctor believes anyone getting involved in one illegal activity may become less concerned about other illegal activities. A major concern is that it is not known what consequences of chronic marijuana use would be in a large population. If, for instance, the entire population of the country had free access to marijuana, it is possible that a significant proportion would become abusers of marijuana just as people are abusers of alcohol. The consequences to these persons, their family, and friends would be considerable. However, when one looks at the laws today governing the possession of marijuana, they are excessive to an extreme degree. The punishments for possession go far beyond the actual physical dangers which are posed by the substance."

What Are the Prospects of Leading a Normal Life?

Delite Braspeninckx wanted to know if people released from the Rehab Center are able to cope with society; to return home with their family and friends and live a successful life.

Enlightening Delite, Dr. Kramer pointed out these interesting facets dealing with the addict. "One must remember this group of people, our inmates, came into the institution quite differently from people whom you may know as your friends and neighbors. On the average, though most are above average in intelligence, they are far below average in the amount of schooling they have had and frequently have been involved in criminal activity of various sorts such as petty crimes and drug offenses. Most are school drop-outs; very few have a high school diploma. They are an entirely different population than you are acquainted with and most of them started using heroin between the age of 18 and 22 years old.

"When one talks about these people returning to a normal life, it must be remembered they are different in many

ways from most of us. They have had more trouble with their families and more trouble with society."

Dr. Kramer mentioned "that he thought there is a good deal of misconception about what type of people addicts are. They are surprisingly ordinary in some ways, they watch TV, read magazines and books, and enjoy sports, but they also have an interest in drug use which absorbs them completely."

"When an inmate seeks outside employment after his release from the Rehab Center, his employer, in most cases, is aware of the applicants past history. This hasn't seemed to be a handicap to most of our people. Employment has not been difficult for them to obtain, which may be due to the fact that the employment situation in the State of California is quite good. Almost any person who is physically capable of working at the present time can find a job — this includes someone who also happens to be an addict."

Another student asked Dr. Kramer "if the amount and quantity a marijuana user uses effects the personality and ideas of that person."

"Some marijuana users have different values than those generally accepted. It is difficult to say whether the values have chosen the marijuana or the marijuana has chosen the values; whether the individual has adopted the concept that love is everything and one may forget the other aspects of life — work and responsibility — and live on love; whether individuals who have accepted this philosophy tend to use marijuana more often, or, if the marijuana user somehow engenders this philosophy, I don't know," the doctor said. "However, there may be a certain relationship because the effect of marijuana is to make the individual somewhat more benign. The idea that marijuana causes some persons to become violent is fiction; if anything, it tends to make the user more apathetic and less violent, so there may be some effects in the direction of the

philosophy which may be induced by marijuana."

Dr. Kramer feels any experience a person has changes his personality. "If a person visits Europe for the summer and returns home, his personality has changed in some degree. When one sees a movie or play, reads a book or listens to a concert, which for some reason effects him deeply, personality is changed. Using marijuana, if it is important to the user, may change that person's personality — but this goes for any meaningful experience."

"The psychological effect — the meaning of an event for the individual can be important, but whether or not the drug itself has this meaning is something else. A person may take LSD one time and profoundly effect his life."

Experimental Subjects

"Experimental subjects have taken LSD and found no effects whatsoever as far as their lives were concerned. Yet other experimental subjects were given LSD and eventually realized a definite change in their actions. What an experience or a series of experiences means goes far beyond the simple pharmacological effect of the drug if it happens to be a drug experience."

Dr. Kramer believes, "there is validity to the idea drug use can give a person access to thoughts that he did not have before. Any altered state of consciousness will do this," he claims. "A very profound emotional experience will have this effect. Alcohol can produce the same effect. Some writers or other creative people feel the only way they can produce effectively is by being slightly intoxicated. Some people had fairly profound insights about their own lives and these insights may have been either destructive or constructive. Many of the insights have led them astray and in some cases, the insights have helped. The question, however," says D. Kramer, "is not whether or not

(Continued on Page 7)



VISIT COMPLETED — The Burroughs High School students were guests of the California Rehabilitation Center in Corona on Monday, June 10 and were hosted by Dr. John C. Kramer, Chief of Medical Research at the Center. Shown departing are Delite Braspeninckx (l), Milt Sheely, Rocketeer staff writer, Janet Stone, Orin Jackson and Tom Rice.