

### Lecture On Under Water Habitat Set

What makes a nice girl take a dive?

In the case of Dr. Sylvia Mead, scientist and aquanaut, the answer is Tektite II — an undersea habitat designed and built by General Electric and located about 50 ft. below the surface of the Caribbean Sea off St. John Island in the Virgin Islands.

Dr. Mead's sojourn in this unique environment will be the subject of a lecture, accompanied by a motion picture, that is to be presented to the public during a program arranged by the Maturango Museum.

Dr. Mead will speak and show the film on Tuesday, Sept. 26, at 7:30 p.m. at the Burroughs High School Lecture Center. Tickets, priced at \$2 per person, can be purchased at the museum or ordered by calling George Silberg, 446-5007, or Ruth Pearson, 446-2925.

In addition to having participated in this challenging undersea experiment, Dr. Mead also is married to Dr. Giles Mead, director of the Los Angeles County Museum of Natural History, has six children, and currently holds the following positions:

Research Fellow, Farlow Herbarium at Harvard University; research associate in botany at the University of California, Berkeley; associate scientist at the University of South Florida's Marine Science Institute; and associate in botany at the Los Angeles County Museum of Natural History. It was in this latter capacity that Dr. Sylvia Mead took part in the Tektite II mission.

In addition, she has the writing of 19 technical publications to her credit. One of the most recent of these appeared in the August 1971 issue of National Geographic Magazine.

### Fall Luncheon Staged by AAUW Planned Sept. 23

Plans for the fall luncheon, staged annually by the China Lake branch of the American Association of University Women (AAUW) were announced this week.

This yearly event, which is held for the purpose of welcoming new and prospective members of AAUW, will be held on Saturday, Sept. 23, starting at 1 p.m. at the home of Dr. and Mrs. Walter LaBerge, 501 Lexington Ave., China Lake.

Women graduates of approved four year colleges and universities are invited to attend. Those interested are asked to call Mrs. Daniel Goss, AAUW membership chairman, at 375-8249, or Miss JoAnne Hellman, phone 375-5669.

The AAUW's annual fall luncheon also is the occasion for introducing officers and study group chairmen, and outlining study topics and special projects planned for the year.

### COM Pool To Close

Officers' Club members are reminded that Sunday will be the last day the swimming pool will be open this season at the Commissioned Officers' Mess (Open). Closing time will be at 6 p.m.



**CHALLENGING WORK** — Dr. Sylvia Mead, a marine botanist with the Los Angeles County Museum of Natural History, examines a marine specimen that was collected during an expedition with a five-woman crew operating from an undersea habitat. Dr. Mead will be brought here on Sept. 26 by the Maturango Museum to speak and show a motion picture film about this unusual experience.

## Joyful Weekend Awaits Local Residents at Desert Empire Fair

A fun-filled weekend at the Desert Empire Fair in Ridgecrest lies ahead for residents of and visitors to the Indian Wells Valley.

The schedule for Saturday, the big day of the 5-day celebration which began Wednesday, will open with the Lions Club's chuckwagon breakfast from 7 to 11 a.m. on the parking lot in front of the K&R Market in Ridgecrest.

The annual parade, highlight of the fair, will roll down N. China Lake Blvd. beginning at 10 a.m. tomorrow. Led by Supervisor LeRoy Jackson, as grand marshal, the procession will feature bands, floats, marching units and equestrian entries.

A former NWC employee, Jackson now represents this area on the Kern County Board of Supervisors.

"Desert Fantasy" has been selected as the theme of the 1972 Desert Empire Fair parade — each division of which will be led by Ev Long, Clyde Goehring, Lori Wagner, Barbara Jackson and Norma Jones as parade marshals.



**POP CONCERT SET TONIGHT** — Included on the musical menu at the Desert Community Orchestra's second annual Pop Concert will be selections by a Dixieland band led by Ken Robinson. The Dixielanders (straw hats and all) are shown as they cut loose with a lively tune during last year's Pop Concert. This year's event will start at 8 o'clock tonight on the lawn adjacent to the NWC All Faith Chapel. Admission is free and music lovers are invited to come out and bring their own chairs or blankets. The full orchestra (30 strong), directed by Charles Wood, of Bakersfield, will play several selections, as will different musical groups made up from within the orchestra.

Following the parade, the center of activity will shift back to the fairgrounds with its fun-filled midway offering carnival rides and attractions brought here by the SJM Fiesta Shows, as well as games and refreshment booths operated by local clubs and organizations.

Major interest of fairgoers also will be focused on Joshua Community Hall, the fair's recently completed and newly dedicated permanent exhibit building, where commercial exhibits and entries in the art, crafts and home economics divisions of the fair are on display.

At the fairgrounds, the winners in the various categories of the parade competition will receive their trophies and prizes on Saturday, prior to the 2 p.m. opening of the Desert Empire Fair's turtle races.

Tonight's activity at the fairgrounds will include a 4-H Club Guide Dog Show, from 6 to 7:30; the Whiskerino Contest, 7:30 to 8:30; a dance, starting at 8:30, and announcement of the winner of the Desert Empire Fair's Membership

Queen Contest at 9 p.m.

On Sunday, the fairgrounds will re-open at 1 p.m., and there will be a horse show in the equestrian arena from 2 to 6 p.m. An exhibition of square dancing by members of the Cactus Squares is on tap from 7:30 to 8:30 p.m., and final competition in the 5-day-long horseshoe pitching tournament is scheduled from 8 to 10 p.m.

### Library Will Be Open on Sunday

Additional hours of operation at the Naval Weapons Center Library will go into effect this weekend.

Upon the recommendation of the NWC Recreation Council, the library will be open for four hours, from 2 to 6 p.m., on this and subsequent Sundays.

This move is being made on a trial basis, and its continuation over the long haul will depend upon how much use is made of the library during the hours it is open on Sundays.

In order to protect library users' privileges, it is necessary that each patron show either his or her NWC pass or military ID card when checking out books or other material.

### Hawaiian Luau Slated at COM

Tonight the Commissioned Officers' Mess (Open) will hold its annual Hawaiian luau, with Polynesian musicians and dancers and good Hawaiian food for a full evening of fun.

Tickets for the event, set to last from 6:30 p.m. to 1:30 a.m. are on sale at the reception desk at the Officers' Club and are priced at \$7.50.

## 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

FRI. 15 SEPT.

"DR. JEKYLL & SISTER HYDE"  
(95 Min.)

Ralph Bates, Martine Besvich (Horror) Transsexual version of classic horror story. Scientist experimenting for everlasting life needing fresh corpses for same, turns to murdering local trollops. Drinking the potion, he turns into an equally murderous female. (PG)

SAT. 16 SEPT.

-MATINEE-

"BORDER RIVER" (81 Min.)  
Joel McCrea, Yvonne De Carlo

Evening—

"FRENZY" (116 Min.)  
Jon Finch, Berry Foster (Suspense Drama) An Alfred Hitchcock suspense thriller. The old familiar ingredients are all there: the innocent man accused of murdering his wife, the best friend who is guilty, the twists of fate resulting in the wrong man's conviction. (R)

SUN. & MON. 17-18 SEPT.

"WAR BETWEEN MEN AND WOMEN" (105 Min.)

Jack Lemmon, Barbara Harris (Comedy) Jack Lemmon, a misanthropic cartoonist who hates women, children and dogs finds himself married to a young divorcee with three children and a canine. (PG)

TUES. & WED. 19-20 SEPT.

"BOXCAR BERTHA" (88 Min.)

Barbara Hershey, David Carradine (Drama) Barbara Hershey, a sex-hungry female outlaw shoots up parts of the Midwest and South in the 1930's, winning headlines and losing men. (R)

THURS. & FRI. 21-22 SEPT.

"PRIME CUT" (87 Min.)

Lee Marvin, Gene Hackman (Action Drama) In the slaughterhouse of a large Kansas farm, Gregory Walcott, as "Weenie," takes pleasure in delivering methodical blows with a sledge to the skulls of the cattle below. He works at the packing plant of "Mary Ann's Meats," the front for an underworld gang dealing in drugs and prostitution. Taking a break from his death-dealing chores, Weenie extracts a string of frankfurters and sends them to Chicago. In the Windy City, Lee Marvin, a hard-as-nails "enforcer," receives the merchandise and finds that the wieners are actually one of his ground-up gunmen. Aside from sexual overtones, violence, language and partial nudity may offend some. (R)

### Organ Concert ...

(Continued from Page 2)  
tonal quality is reputed to be close to that of a high quality pipe organ. At the same time, its cost is much less than a comparable pipe organ system.

Four digital computers are the nerve center of the organ. All computer circuits are arranged on easily maintained boards, which can be plugged in or removed at will.

Eight channels in the audio system are heard through 36 speakers, installed in the two sound chambers in the front of the Chapel. Since the manual console is mounted on a moveable platform, it can be placed in concert position in the front of the Chapel or moved to the side for worship service accompaniment.

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# RAdm. Suerstedt To Take Command of NWC

Rear Adm. Henry Suerstedt, Jr., a highly decorated veteran of 31 years of distinguished Naval service, will soon succeed Rear Adm. William J. Moran as Commander of the Naval Weapons Center.

Following the change of command ceremony, which has been scheduled on Wednesday, Oct. 18, RAdm. Moran, who has been selected for promotion to Vice Admiral, will leave here to serve as Director of Research, Development, Test and Evaluation for the Navy.

RAdm. Suerstedt is being transferred to NWC after serving 1½ years as Deputy Commander for Plans and Programs and Comptroller of the Naval Air Systems Command in Washington, D.C.

His Navy career began in May 1941, when he was appointed an aviation cadet following his enlistment in the Naval Reserve, and has been highlighted by a distinguished combat record during World War II, the Korean War and the Vietnam War.

In WWII, while serving as operations officer and later executive officer of Composite Squadron 21, now RAdm. Suerstedt was awarded the Silver Star Medal, the Distinguished Flying Cross, the Air Medal with gold stars in lieu of 2nd through 5th Air Medals, and the Navy Commendation Medal with Combat "V." Aircraft of Composite Squadron 21 flew from the carriers USS MARCUS ISLAND and

USS COMMENCEMENT BAY.

When the Korean War broke out, RAdm. Suerstedt was assigned to the Navy Department in Washington, D.C. where he was the "Skyraider" project officer in the Bureau of Aeronautics Attack Design Branch.

He remained there until May 1952 when he assumed command of Fighter Squadron 54 based on the USS VALLEY FORGE during operations in the Korean area of hostilities. For this service he was awarded the Bronze Star Medal with Combat "V," a gold star in lieu of a second DFC, and gold stars in lieu of 6th through 10th Air Medals.

Following his part in the Korean War, the next Commander of the Naval Weapons Center was graduated in February 1955 from the Armed Forces Staff College at Norfolk, Va., and then reported to the Navy Department's Bureau of Ordnance to serve as technical assistant to the Systems Director in charge of aviation ordnance research and development.

Among other key assignments that were a prelude to his part in the Vietnam War, RAdm. Suerstedt held the post of Military Assistance Training Officer for Asian Navies and Marine Corps on the Joint Staff, Commander in Chief, Pacific, and in November 1961 became the Director of Strike Warfare Programs in the Navy Department's Bureau of Naval Weapons.

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Rear Adm. Henry Suerstedt, Jr.

Sept. 15, 1972

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Naval Weapons Center  
China Lake  
California

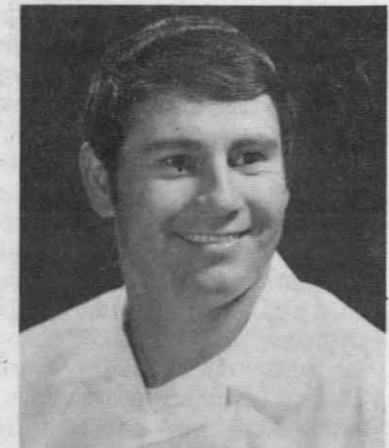
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## AT1 Ray R. Davis Selected As 'Bluejacket of Month'

Aviation Electronics Technician First Class Ray R. Davis, shop supervisor of the intermediate maintenance Precision Measuring Equipment Shop at NAF, has been selected Bluejacket of the Month for September.

The Hobbs, N. Mex., native will be a candidate for Bluejacket of the Year honors at the annual banquet that is to be held on Oct. 12 under the sponsorship of the Indian Wells Valley Council of the Navy League.

Davis and his wife, Claris, will be



AT1 Ray R. Davis

treated to an all-expense paid weekend in Bakersfield the latter part of this month by the Greater Bakersfield Chamber of Commerce as a result of his selection. While in that city he will receive a hospitality packet containing gift certificates and discount coupons from Bakersfield merchants who participate in the Bluejacket program.

Prior to leaving the local area, Davis will receive the keys from a new Ford from Desert Motors to use on the weekend jaunt. In Bakersfield, the Ridgecrest couple will be hosted by the Bakersfield Inn for rooms and meals.

Davis was graduated from Hobbs High School and then attended Texas Western College,

now the University of Texas, El Paso. He joined the Navy in February 1965 and went through boot training at the Naval Training Center in San Diego. After attending Aviation Electronics A School in Memphis, Tenn., and C School at the Naval Air Station, North Island, San Diego, Davis

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## Upgrading Of Facilities Planned Here

A major deficiency in NWC's enlisted facilities is scheduled for correction in the forthcoming military construction program.

New Bachelor Enlisted Quarters (BEQ), the new name for Navy barracks, are being programmed to commence in late 1973, barring unforeseen delays in the Department of Defense (DoD) or the Congress.

This project was previously scheduled for accomplishment a year earlier, but was dropped by DoD due to severe budget cuts. However, recent discussions with the Naval Facilities Engineering Command (Nav Fac) and Chief of Naval Operations officials indicate a high priority will be given to this project in the FY74 program that goes to Congress for approval next January.

In addition, a new Petty Officer-Enlisted Men's Club has been added to the FY74 program. This new building will provide for two separate clubs with a shared food preparation area. The new clubs will replace the two substandard buildings now in use and will provide modern, attractive surroundings for off-duty relaxation and entertainment of guests.

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**SINGULAR HONOR WON** — It was a happy moment for Frank G. Buffum last week as his wife, Debby, pinned a Navy Meritorious Civilian Service Award lapel button on his jacket. Presentation of the Navy's third highest honor award in Navy civilian service was made to Buffum by Rear Adm. W. J. Moran (at left), Commander of the Naval Weapons Center. Looking on in background is Carl Schaniel, head of the Weapons Planning Group. Buffum, an operations research analyst, was honored for his service on the staff of the Commander, Naval Forces Korea. —Photo by PH3 D. W. Yeatts

## Meritorious Civilian Service Award Presented to Buffum

The Navy Meritorious Civilian Service Award, the third highest honorary award in Navy civilian service, was presented last week by Rear Adm. W. J. Moran, Commander of the Naval Weapons Center, to Frank G. Buffum, an operations research analyst in the Weapons Planning Group's Current Operations Program.

Buffum was honored for his outstanding service on the staff of the Commander, Naval Forces Korea, during the period from July 1971 to June 1972.

In making the presentation to Buffum, RAdm. Moran said: "It is with great pride and pleasure that, as Commander, Naval Weapons

Center, I present you this award for your outstanding service to this Center, the Navy, and to your country while concerned with the Naval Science Assistance Program in Korea.

"I want to personally congratulate you for having completed an assignment in an outstanding manner," the NWC Commander added.

In the spring of 1971, the Commander of Naval Forces in Korea requested that an operations research analyst be assigned to Korea to provide assistance in conducting studies related to the analysis of Republic of Korea

(ROK) Navy missions and long range force structure planning.

Buffum was selected for a six month (later extended to ten month) assignment as part of the Naval Science Assistance Program. He was accompanied to Korea by his wife, Debby, who was present during last week's award ceremony, and their three children, Eric, 7, Lisa, 5, and Mark, 2.

While in Korea, Buffum worked on a wide variety of problems of importance to effective and successful Naval operations in Korea. According to Rear Adm. V. A. Dyedal, Commander Naval Forces Korea, who recommended

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**TO PLAY AT INAUGURAL CONCERT**—Mrs. Dorothy Hester, an accomplished organist from Riverside, will play a wide variety of selections on the NWC All-Faith Chapel's new computer organ during a concert planned to demonstrate the virtuosity of the organ. Mrs. Hester is organist at the First Methodist Church in Riverside. Free to all local music lovers, the concert will begin at 4 p.m. Sunday in the All-Faith Chapel.

## Inaugural Concert of New Organ Slated at Chapel

On Sunday afternoon at 4 o'clock, the public will have an opportunity to listen to the new Allen computer organ recently installed in the NWC All-Faith Chapel.

This organ dedication program and inaugural concert will be free to all local music lovers and will feature an accomplished organist from Riverside.

Dorothy Hester will play selections by Dietrich Buxtehude, Francois Couperin, J. S. Bach, Jean Langlais, Dale Wood, Seth Bingham, Robert Elmore and Louis Vierne.

Designed to display the virtuosity of the new organ, the program selected ranges from the complex strains of Bach's great "Tocatta and Fugue in D Minor" to a folk arrangement of the hymn, "All Through the Night."

A member of the American Guild

of Organists, Mrs. Hester is organist at the First Methodist Church in Riverside and has completed her ninth year as accompanist for the Riverside Choral in oratorio productions.

The program this Sunday also will include words of welcome and appreciation from Capt. Robert E. Osman, NWC Senior Chaplain; and Rear Adm. William J. Moran, NWC Commander. Lt. A. J. J. Smith, Catholic Chaplain at NWC, will perform a dedication service. A prayer of dedication will be offered by Lt. Fred R. Zobel, NAF Chaplain.

Following the concert, members of the audience are invited to a reception on the Chapel lawn.

The new Allen Digital Computer Organ has elicited the praise of organists around the world. Its

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## PROMOTIONAL OPPORTUNITIES

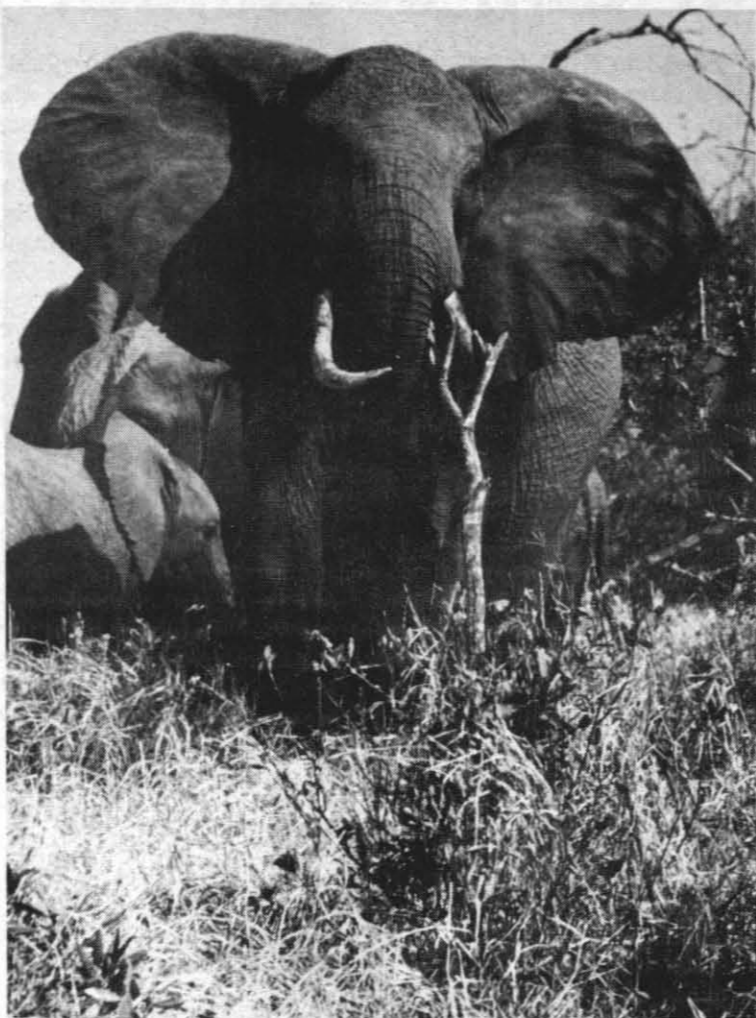
Applications for positions listed in this column will be accepted from current NWC employees named in the ad. All others desiring employment with the Naval Weapons Center may contact the Employment Division, Code 452, Extension 2049. Current applications (SF-171) or Standard Form 172 should be submitted 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.

**Electronics Engineer, GS-855-12, PD No. 7245103, Code 4531**—This position is located in the Ballistics Test Branch, Quality Assurance Division of the Propulsion Development Department. The incumbent, as a section head, would direct and coordinate the instrumentation functions of the section. The section is responsible for the set-up and data acquisition resulting from rocket, missile, and explosive testing. He is responsible for documentation, and reporting of test conditions, equipment, and test techniques used, and final results in the form of data which can be interpreted. The incumbent will aid the branch head in the longer range planning of new facilities and testing areas. **Job Relevant Criteria:** Incumbent must have ability to design, set-up, and operate instrumentation and measurement systems for environmental testing. Ability to perform instrumentation planning, implementation, testing, and data reduction on most types of electronic measurements during static and dynamic testing. Thoroughly familiar with electronic data acquisition and recording systems, transducers, and general instrumentation techniques. **Minimum Qualification Requirements:** As defined in CSC Handbook X-118.

**File applications for above with Linda Grossman, Bldg. 34, Rm. 204, Ph. 2925.**  
**General-Electrical-Mechanical Engineer, GS-12-13, PD No. 7230180, Code 3012**—This position is located in the Sidelwinder AIM-9L Technical Development Branch. The incumbent is responsible for various aspects of the Sidelwinder AIM-9L missile as assigned by the technical manager. The incumbent is required to have administrative experience in the planning and coordination of work; contract experience for insuring that an optimum performance is accomplished by the contractors; and be able to exercise rigid controls to insure that cost and schedule are maintained. The incumbent is responsible for making technical decisions and establishing design parameters; works with various staff members, design engineers and coordinates with Air Force personnel and various Air Force facilities in the design and development of the system. Major areas of responsibility will be in the ground support equipment, launcher, and aircraft interface of the Sidelwinder AIM-9L missile. **Minimum Qualification Requirements:** As outlined in X-118.

**Electronics Mechanic (Experimental) WG-2614-11, JD No. 185-28, Code 3062**—Repairs, modifies, maintains and inspects guidance and control group subassemblies including seeker gyro assemblies, servos, detectors, cryostats, audio enhancement modules and scan enablement assemblies. Will perform

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**AFRICAN WILDLIFE**—This magnificent elephant is typical of the wildlife Drs. Robert and Kristin Berry saw on their recent trip to East Africa. Dr. Robert Berry snapped this photo, one of almost a thousand slides he took on the trip, in Tsabo National Park in Kenya. Although elephants often flap their ears as an expression of anger, this elephant is using his ears as giant fans to cool his body.

## Berrys Back From Month Long Visit to East Africa

Drs. Robert and Kristin Berry, China Lake residents and NWC employees, recently returned from a month-long trip to East Africa.

They had a rare opportunity to see the wildlife of Kenya and Tanzania with an expert, Dr. R. C. Stebbins, professor of herpetology at the University of California at Berkeley and curator of the university's Museum of Vertebrate Zoology.

Dr. Stebbins served as Dr. Kristin Berry's thesis advisor at UC Berkeley. He and his wife traveled to game reserves and national parks in Africa in order to photograph and sketch rare species of animals.

Dr. Kristin Berry, who earned her Ph.D. in population biology, went to Africa to see rare animals in their native habitat, while Dr. Robert Berry, a consultant in the Avionics Division of NWC's Weapons Development Department, added nearly a thousand film slides to his already extensive collection.

The China Lake couple camped and traveled with Dr. Stebbins and his wife throughout the Samburu Game Reserve, Lake Nakuru Bird Preserve and Masai Mara Game Reserve in Kenya. Their travels in Tanzania took them to the famous Serengeti National Park, Olduvai Gorge and Mt. Kilimanjaro. Making a loop back into Kenya, they went to Tsabo National Park, Nairobi National Park and Amboseli Game Reserve.

Dr. Kristin Berry gave a seminar at the University of Nairobi on the chuckawalla, the desert lizard she has studied intensively for her Ph.D. thesis. In Nairobi, the Berrys also visited the Nairobi Animal Orphanage, a haven for wild animals that have been tamed, injured or orphaned.

Reminiscing about their trip, Dr.

Kristin Berry enumerated some of the species of wildlife they saw. Lions, cheetah, elephants, reticulated giraffes, jackals, hyenas, hippos, wildebeests, rhinos, and many kinds of antelope were visible to the travelers.

In addition, they saw hundreds of species of beautiful, brilliantly colored birds, about 300 vultures around a waterhole, ostriches, very ugly Maribou storks, and a large species of bird called the Secretary Bird that kills reptiles, its food, by stamping on them.

Rare species the Berrys glimpsed included the oryx and the eland, large species of antelopes; and the serval, a member of the cat family.

Dr. Berry's uncomfortable memories of Africa include the four flat tires each vehicle suffered, as the small two-car caravan struggled over single lane corduroy roads with large potholes. At Amboseli Game Reserve, the vehicles were charged by an enraged elephant, which had been harassed by ignorant tourists. Other hazards included "unbearable swarms of tsetse flies."

"They would bite us right through our clothes," Dr. Berry said. "We were bothered by ticks, too, and sometimes the superfine dust we stirred up would be so intense I'd have to clean my glasses every 15 or 20 minutes in order to see out of them."

Despite these discomforts, the couple plans to visit Africa again as soon as possible, feeling that the hazards they encountered were minor in comparison to the pleasure and education derived from visiting that beautiful country.

Before returning to China Lake, the Berrys went to Italy and visited a geothermal plant at Larderello,

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**TOPNOTCH SAFETY RECORDS**—A certificate denoting 20 years of accident-free work supervision was presented last week to Richard H. Joyce (at right) by Capt. D. W. Alderton, Deputy Commander of the Naval Weapons Center. Joyce, whose 20 years of employment here have all been with Code 45, is currently a foreman in the Refrigeration and Air Conditioning Shop, Facilities Branch of the Propulsion Development Department's Engineering Division. Similar certificates denoting 15 years of accident-free work supervision also were presented by Capt. Alderton to (from left) Lonnie J. Dinwiddie and Cecil T. Daley. Dinwiddie now heads the Range Control Section in the Track Branch of the Engineering Department's Ground Operations Division. Also a Code 55 employee, Daley is head of the Test Support Division's Range Facilities Branch. Until the recent reorganization, Dinwiddie and Daley had each put in 15 years with Code 30 at China Lake.

## PROMOTIONAL OPPORTUNITIES

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operational final functional testing and calibration using general and special purpose test equipment. **Minimum Qualification Requirements:** Rating will be on the basis of appropriate J-Element Standard in accordance with X-118C.

**File applications for above with Dora Childers, Code 457, Rm. 212, Ph. 2514.**

**Rigger, WG-5722-10, JD No. 213-1, Code 70425**—Incumbent rigs for hoisting, jacking, cribbing, shoring, moving and placing of heavy plates, targets, barricades, machinery, instruments, small buildings; moves office equipment, load and off loads railroad and commercial cars; directs operation of cranes, winches, hoists and similar equipment; directs rigging crew of other riggers, helpers and/or laborers when designated as the lead-off rigger by his line supervisor; assists all other Public Works crafts in routine duties and assignments. **Minimum Qualification Requirements:** Rating will be on the basis of the appropriate J-Elements Standard in accordance with the CSC Handbook X-118C.

**File applications for above with Mary Morrison, Code 457, Rm. 216, Ph. 2393.**

**General-Aerospace or Electronic Engineer or Physicist, GS-11 through 13, PD No. 7240201, Code 4046**—The incumbent shall contribute to the design and development of total avionics systems for attack and strike aircraft specializing in the area of communications, command, and control technology. He will be required to analyze system requirements and develop the requirements. As a collateral assignment, he shall establish and maintain a comprehensive and current data bank in the area of communications, command, and control technology to be generally available and useful to local projects. The tasks will require extensive contact with the development laboratories of the Navy, DOD, and industry as well as numerous other NWC codes. **Job Relevant Criteria:** The incumbent must have recent experience, knowledge, and interest in modern communications, command, and control technology. He should have a good general knowledge of avionics systems. Preferably, the incumbent should have recent design experience with these equipments. **Minimum Qualification Requirements:** As defined in CSC Handbook X-118.

**General-Aerospace or Electronic Engineer or Physicist, GS-11 through 13, PD No. 7240199, Code 4046**—The incumbent shall contribute to the design and development of total avionics systems for attack and strike aircraft, specializing in the area of digital computing and system interfacing. He will be required to analyze system requirements and develop the concepts-implementations which will satisfy the requirements. As a collateral assignment, he shall establish and maintain a comprehensive and current data bank in the area of digital computing and system interfacing to be generally available and useful to local projects. The tasks will require extensive contact with the development laboratories of the Navy, DOD, and industry as well as numerous other NWC codes. **Job Relevant Criteria:** The incumbent must have recent experience, knowledge, and interest in modern airborne digital computers, multiplexing and data handling. He should have a good general knowledge of avionics systems. Preferably, the incumbent should have recent design experience with these equipments. **Minimum Qualification Requirements:** As defined in CSC Handbook X-118.

**General-Aerospace or Electronic Engineer or Physicist, GS-11 through 13, PD No. 7240198, Code 4046**—The incumbent shall contribute to the design and development of total avionics systems for attack and strike aircraft, specializing in the area of controls, displays, and cockpit instrumentation systems. He will be required to analyze system requirements and develop the concepts-implementations which will satisfy the requirements. As a collateral assignment, he shall establish and maintain a comprehensive and current data

bank in the area of controls, displays, and cockpit instrumentation systems to be generally available and useful to local projects. The tasks will require extensive contact with the development laboratories of the Navy, DOD, and industry as well as numerous other NWC codes. **Job Relevant Criteria:** Incumbent must have recent experience, knowledge, and interest in modern displays, controls, and cockpit instrumentation systems. He should have a good general knowledge of avionics systems. Preferably, the incumbent should have recent design experience with these equipments. **Minimum Qualification Requirements:** As defined in CSC Handbook X-118.

**General-Aerospace or Electronic Engineer or Physicist, GS-11 through 13, PD No. 7240201, Code 4046**—The incumbent shall contribute to the design and development of total avionics systems for attack and strike aircraft, specializing in the area of target acquisition technology. He will be required to analyze system requirements. As a collateral assignment, he shall establish and maintain a comprehensive and current data bank in the area of target acquisition technology to be generally available and useful to local projects. The tasks will require extensive contact with the development laboratories of the Navy, DOD, and industry as well as numerous other NWC codes. **Job Relevant Criteria:** The incumbent must have recent experience, knowledge, and interest in modern target acquisition technology. He should have a good general knowledge of avionics systems. Preferably, the incumbent should have recent design experience with these equipments. **Minimum Qualification Requirements:** As defined in CSC Handbook X-118.

**General-Aerospace or Electronics Engineer or Physicist, GS-11 through 13, PD No. 7240202, Code 4046**—The incumbent shall contribute to the design and development of total avionics systems for attack and strike aircraft, specializing in the area of survivability (threat warning, identification and countermeasures). He will be required to analyze system requirements and develop the concepts-implementations which will satisfy the requirements. As a collateral assignment, he shall establish and maintain a comprehensive and current data bank in the area of survivability to be generally available and useful to local projects. The tasks will require extensive contact with the development laboratories of the Navy, DOD, and industry as well as numerous other NWC codes. **Job Relevant Criteria:** The incumbent must have recent experience, knowledge, and interest in modern survivability techniques and equipments. He should have a good general knowledge of avionics systems. Preferably, the incumbent should have recent design experience with these equipments. **Minimum Qualification Requirements:** As defined in CSC Handbook X-118.

**File applications for the above with Elizabeth Sodergren, Bldg. 34, Rm. 204, Ph. 2676.**

**Technical Manuals and Specifications Writer, GS-1089-1, PD No. 7250987, Code 5072**—Prepares and issues official weapons specifications, air specifications and manuals such as handling and maintenance manuals, manufacturing data, manufacturer's inspection procedures, etc. for the use of government inspectors, manufacturers, and/or the armed services. **Job Relevant Criteria:** Working knowledge of manufacturing processes and test procedures common to tube component manufacture. Knowledge of Navy documentation procedures. Ability to express engineering terms accurately in writing. **Minimum Qualification Requirements:** Three years of general and two years of specialized experience as defined in the X-118. **Code 4046**—The incumbent shall contribute to the design and development of total avionics systems for attack and strike aircraft, specializing in the area of survivability (threat warning, identification and countermeasures). He will be required to analyze system requirements and develop the concepts-implementations which will satisfy the requirements. As a collateral assignment, he shall establish and maintain a comprehensive and current data

bank in the area of controls, displays, and cockpit instrumentation systems to be generally available and useful to local projects. The tasks will require extensive contact with the development laboratories of the Navy, DOD, and industry as well as numerous other NWC codes. **Job Relevant Criteria:** Incumbent must have recent experience, knowledge, and interest in modern displays, controls, and cockpit instrumentation systems. He should have a good general knowledge of avionics systems. Preferably, the incumbent should have recent design experience with these equipments. **Minimum Qualification Requirements:** As defined in CSC Handbook X-118.

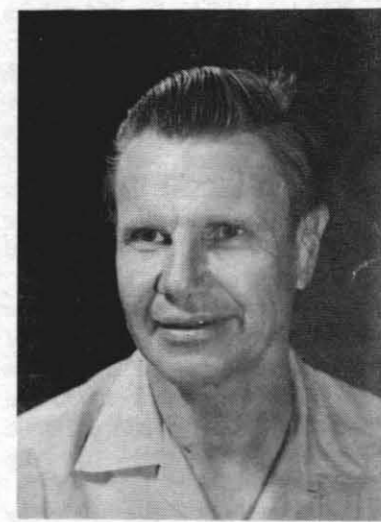
**File applications with Pat Gault, Bldg. 34, Rm. 202, Ph. 2723.**  
**Clerk-Typist, GS-3223-4, PD No. 7225063, Code 251**—Obtaining and assembling factual information from files and personal contact; consolidating information received and typing in a smooth copy for supervisor to present at meetings; making charts and graphs from factual information collected; collecting information from files for a variety of reports; composing correspondence from brief instructions of supervisor and typing a variety of correspondence written by others; receives telephone calls and refers calls to proper person; arranges appointments where appropriate and screens mail for division. **Minimum Qualification Requirements:** GS-3 requires one year specialized and GS-4 requires two years specialized experience. **Job Relevant Criteria:** Ability to type accurately, neat and fast. Ability to organize work effectively. Ability to deal factually and effectively with people. Ability to meet assignment deadlines once established. **Advancement Potential:** GS-3 to GS-4; GS-4 to Secretary, GS-5.

**Inspector (General Equipment) A, WX-04965-45, JD No. 33, Code 2598**—Inspects material and equipment for defects from commercial sources for damages, determining cause of damage and responsible agent where possible; makes damage report; insures item received is item ordered and meets all specifications; rejects items if damaged or incorrect; insures that proper paperwork (reports, items accepted or rejected; determines if substitution made) is complete; permissibles under terms of contract or purchase orders. **Minimum Qualification Requirements:** Two and one half years experience as an inspector of materials and/or equipment in two or more fields, which included responsibility for acceptance or rejection of material inspected; experience as a journeyman mechanic, engineering or electronic technician. Two years of the required experience may be substituted on a month for month basis if the applicant has been to trade schools in a mechanical or engineering field, or as a stockman working in two or more fields of equipment. **Job Relevant Criteria:** Demonstrated initiative on present job; ability to work with a minimum of supervision; ability to interpret and follow written instructions.

**File applications for the above with Clair Lewis, Bldg. 34, Rm. 204, Ph. 3118.**

The Naval Weapons Center announces a competitive promotion examination on Sept. 18, 1972, for Pipefitter, Foreman, WS-4202-10, \$12,168.00-\$14,872.00 per annum. Applicants must file card form NAVEXOS-4155A Standard Form 172 and supplement wage grade information sheet with the special examiner, Rm. 101, Code 652, China Lake, Calif. to be received or postmarked not later than Oct. 2, 1972. Forms may be obtained in the Personnel Bldg., Rm. 100, China Lake. The Naval Weapons Center announces a competitive promotion examination on Sept. 18, 1972, for Scrap Materials Sorter, Leader, WL-4912-05, \$8964.80-\$9713.60 per annum. Applicants must file card form NAVEXOS-4155A Standard Form 172 and supplement wage grade information sheet with the special examiner, Rm. 101, Code 652, China Lake, Calif. to be received or postmarked not later than Oct. 2, 1972. Forms may be obtained in the Personnel Bldg., Rm. 100, China Lake.

## Employee In The Spotlight



Dr. Carl A. Heller

"When I'm not in the chemistry lab, I'm usually out in the sun." Dr. Carl A. Heller, a research chemist in the Chemical Kinetics Branch of the Research Department, shifted nervously in the chair and plucked at an invisible thread on his shirt. "They're pretty much the same you know, climbing mountains or performing chemical research. In both cases, I'm dealing with the unknown most of the time," he said, a grin stealing across his wide face.

Carl began his mountain climbing as a Boy Scout in New Rochelle, N.Y., where he was born and raised. He continued this avocation through high school and during his first two years of college at New York University, in the City of New York. He interrupted his schooling in 1943 to join the U. S. Marine Corps, and during the remainder of World War II, saw action as an infantryman.

In 1945, he was discharged and returned to New York University. For the next six years he completed his education, first a BA degree in chemistry and then a Ph.D. in physical chemistry in 1951.

The Korean war was in progress, so Carl rejoined the Marine Corps, this time as a captain. He didn't serve too long, since the war was winding down, and in February 1952 he came to China Lake as a chemist with the Physics Division of the Research Department.

In 1958 he transferred to the Chemistry Division, where he works still. "Chemistry is fun," he says. "I enjoy dealing with the unknown. You have to know what you're doing, too, just like climbing up a mountain for the first time. Performing an experiment takes good planning," he explained.

Carl has worked on a great many research problems in the past 20½ years. Among those that stand out in his mind are experiments and study he has done on propellant flame, photo-sensitive materials, and for the past 10 years, working on chemiluminescence.

"Since beginning our work on chemiluminescence, we have raised the light level nearly 10,000 times," he stated. "It's very exciting to know that we are nearing the top, but now it gets harder." He thought for a moment. "It's like reaching the 20,000 ft. level of a mountain, from there on up it takes a lot more work."

Forms Rescue Group In 1957, the Sheriff of Inyo County, having heard of Carl's prowess in scaling peaks, asked to be taught enough about mountain climbing to enable him to rescue persons trapped while climbing. "This was impractical," Carl said. "It would take too long to teach a sheriff, or his deputies, how to climb mountains," he added.

Instead, Carl gathered together some other mountain climbers employed at the Naval Weapons Center, and the China Lake Mountain Rescue Group was formed. "Since that time I have been on 50 or 60 different rescues, while the group has performed many, many more," Carl pointed out.

"Heller's continuing participatory interest in the rescue group, coupled with his expertise in safety

and first aid, and as a climber and a mountaineer, has been a strong contributing factor to the stability and success of the group," said long-time friend and fellow climber Russ Huse.

"Heller is a tough mountaineer with a lot of bushwhacking miles written on the tread of his boots," Huse went on to say. "He's fully seasoned and knows the state of the art. When you join him on a group trip, or an expedition, you can expect he may push you some if you need it, but you also figure you stand an excellent chance of coming back alive," he concluded.

Carl has climbed approximately 600 different peaks, for a total of about 700 times in all. He has ascended Mt. McKinley in Alaska, the highest mountain in North America, and the Aconcagua, the highest peak in South America. He also has visited the Andes Mountains four different times, and climbed a number of previously unscanned peaks. In each case, he was the expedition leader. With the Mountain Rescue Group, Carl is the premier operation leader of the unit.

Even Experts Fall

And yet, he has fallen. "Four times," he said. "I fell twice with a rope and twice without one." Carl explained that the two times he fell with a rope he was attempting something he would not have done if he hadn't been tied. "There really was no risk," he explained. However, the two times he fell without a rope were the result of doing foolish things "which I have never repeated," he asserted.

Carl has also put in the past 26 years working with Boy Scouts and Explorers. He is presently chairman of the Explorer Post 291 committee and is proud of the fact that Post 291 led Kern County in the coeducational movement. "Maybe one of the very first in the nation," he noted.

In the time he has been working with the Scouting movements, Carl has made over 300 trips — hiking, camping, climbing, boating, skiing, beachcombing, fishing and other excursions.

"I like the outdoors," he stated simply.

### Bell Bottoms Return

The Chief of Naval Operations has approved a recommendation bringing back traditional Navy bell-bottoms, but this time with a different look.

Moderately flared trousers have been approved for wear with the new enlisted dress blue uniform, and with officer and CPO dress blues as soon as they are available.

## The Rocketeer

Official Weekly Publication  
Naval Weapons Center  
China Lake Lake, California

RADM. W. J. Moran, USN  
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 Annex 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**  
During School Year.  
Note: The Chapel Nursery is located in Chapel Annex 1, Room 4, across from the Center Restaurant and is open without charge for children of parents attending Catholic Mass or Protestant Worship Services.

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

**UNITARIANS**  
CHAPEL ANNEX 95

PH1 D. C. Manderscheid, PH2 G. L. Taylor,  
PH3 D. W. Yeatts  
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 NavExos P25, revised July 1952. Office at Nimitz and Lauritsen. 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

If I had to use one word to describe the XXth Olympiad, that word would be—unbelievable.

Naturally, the tragic events of Sept. 5 cast a shadow of sadness over the remaining week of the Olympic Games in Munich, but the entire show was indeed a sad affair, beginning with the political power play that saw Rhodesia ousted from competition and ending with the incredible basketball game between Russia and the United States for the gold medal.

One bright spot emerged from the competitions—Mark Spitz. The U.S. also saw some other moments of glory, including a surprising victory in the marathon race by Frank Shorter, a Yale, and Eddie Hart finally getting to race against the Russian "white flash," Valery Borzov, and winning.

But along the way, Americans suffered many disappointments and the International Olympic Committee was besieged with protests and cries of "foul" by American coaches and managers of track teams, swimming squads and the basketball contingent, as well as a special plea by Jim Ryun. They were all denied.

The judging in the diving, gymnastics and boxing events was a sight to behold. Perhaps the best example of this would be the scoring given Cathy Rigby, the pigtailed blonde gymnast from Los Alamitos, Calif. During team scoring she performed a balance beam exercise without a difficult aerial and scored 9.35. In the balance beam qualifications she did the same routine with an aerial and two difficult back walk-overs (consecutive) without a falter and still only scored 9.35.

And the boxing scoring was simply incredible, with decisions not only going against American fighters who had evidently won their matches, but against almost any other non Communist-bloc country in the competitions.

There were other disappointments: Rick DeMont, the best middle-distance swimmer in the world lost his gold medal and was disqualified from further competition because of a breakdown in communications regarding a drug he takes for asthma; Bob Seagren was not allowed to use his pole in the pole vault competition after a crazy on-again, off-again set of circumstances; and sprint stars Wayne Collett and Vince Matthews were barred for the rest of their life from Olympic competition for the apathy they showed on the victory stand during the playing of the National Anthem.

And the topper was the most incredible basketball game in the annals of the sport. The Russians won the game, 51-50, after the American team had been declared



**ATHLETE OF THE MONTH** — Jess Moreno, center, is congratulated by O. A. Imer, right, head of Special Services, after being notified of his selection as "Athlete of the Month" by Special Services for August. Imer is shown presenting the young Little League pitching star with a special plaque in recognition of the honor bestowed upon him. Moreno pitched five no-hit baseball games during the past Little League season — the final one coming against the Ridgecrest All-Stars during the area elimination tournament. In this six-inning contest, Moreno recorded a perfect 18 strikeouts. Looking on are the youth's parents, Mr. and Mrs. Armando Moreno.

## Brightwell Fires 288-709 In Premier League Opener

Thad Brightwell topped the Ridgecrest-China Lake Men's Bowling Association all-time high game Monday night in the Premier League when he strung out 10 strikes in a row for a big 288 score.

Brightwell also became the standard bearer for the new winter season as he added games of 205 and 216 for a 709 series.

Other good scores included Dick Furstenberg's 626 and Alton Cutsinger's steady 601. Tom Zurn rolled a 233 single and Benny Whiteside connected for a 227.

Ace TV, Loewen's TV and NAF each won three games, while Boyd's Auto Parts and Tom's Place managed two victories each.

**Women's Scratch League**  
The Monday night Women's Scratch League got off to a rousing start as 12 bowlers broke the 500-mark, led by Maggie Branson's 200-572. Other fine scores included Pat Maddux, 558, Linda Jeffris, 200-536, Lori Boyd, 212-554, Darlene

the winner, 50-49, when time ran out for the Russians.

Twice the officials backed up the clock and gave the Russians two more opportunities to score a winning basket. A full court pass with 3 seconds remaining on the clock found their leading scorer who knocked an American defender to the deck and promptly dunked the winning basket.

Incredible, unbelievable, fantastic.

Words only, but sadly lacking in their power to describe the XXth Olympiad.

I was brought up to believe that the Olympics were above politics. That every four years, athletes of the world joined together in brotherhood and competition not based on race, creed, color or political leanings.

I guess my poor, old dad was wrong. Rhodesia found that out.

And after viewing this last Olympiad, I did too.

### Calendar Planned

Special Services is preparing a "Calendar of Events" for the fourth quarter of 1972. Groups with events planned for that quarter (Oct. 1 through Dec. 31, 1972), should call Lois Bridges no later than Sept. 20, for inclusion of their events in the special calendar.

## Three Former Champions To Vie for Golf Club Title

Lloyd Klaus, China Lake golf club champion in 1963, turned in rounds of 74 and 76 to lead the qualifiers in the 1972 championship event which began last weekend and will culminate tomorrow and Sunday with 36 holes of match play.

Also qualifying were Bob Moore and Max Smith, two other past champions. Moore took the title in 1959 and Smith is the current champ, who also won in 1970. The fourth qualifier is Curt Bryan, who has been a top contender for the title in recent years.

Moore fired rounds of 80 and 74 while Smith tallied 80 and 75. Bryan was the second low gross finisher with rounds of 79 and 73.

The first 36 holes were stroke play to determine the four top qualifiers. This weekend's events will be at match play, with Klaus

and Smith facing one another in one match while Moore and Bryan square off in the other. The winners of the two matches tomorrow will take to the fairways on Sunday to decide the championship.

**Other Flight Finalists**  
In the first flight, Jesus Quezada and Bob Hooper will play one another tomorrow as will Pete Rice and Greg Nazarov, with the winners to compete on Sunday.

Second flight semi-finalists are J. D. Ward versus Ray Marsh and Win Johnson against Ray Gier. In the third flight Jim Bradberry, a 20 handicapper who shot gross rounds of 88 and 87 (hmmm) goes against another sandbagger, Keith Manley.

The other twosome of semi-finalists in this flight are Bill Sherlock and Tony Squillace.

## VX-5 Vampires Win 2nd Game To Top Flag Football League Standings

Teams representing Air Test and Evaluation Squadron Five (VX-5) and the Naval Air Facility are undefeated in Intramural Flag Football League competition following the end of the first week of play.

The VX-5 Vampires, however, lead the race, having played and won two games to one for NAF.

The NAF gridders posted their first win of the season last Thursday night, when they downed the Roaches, 6-0.

The Roaches turned back a strong ground attack bid for a touchdown by NAF in the second quarter, but the air field squad returned to the attack via the aerial route and produced the game's only score on a pass from Richard Sullivan to John Warner, left end, on a play that covered 30 yards.

On Monday night, the Vampires picked up their second win of the young season when they out-hustled the UDT Seals, 6-0. The only score of the game was tallied

by Tom Haus, backfield ace for the VX-5 team, who ran the ball in from the 13 yd. line late in the third period of play.

With only 4 minutes of playing time remaining in the game, the Seals made a bid to tie the score with a long pass deep into VX-5 territory. The pass was dropped, however, by a player for the Seals who had a clear run for the goal line, and the Seals' last scoring chance went down the drain.

In more flag football action coming up next week, the Seals will tangle with NAF on Tuesday night in an effort to rack up their first win of the season, and on Thursday evening it will be the Dispensary squad vs. the Roaches. Both games will be played at Schoeffel Field, and the kick-off time is 7:30 p.m.

### Tourney Delayed

The Mojave Desert Interservice League Golf Tournament (MDISL), previously scheduled to be played Sept. 22 and 23, has been put back to Oct. 11 and 12.



**TABLE TENNIS CHAMPS** — Reuel Launey, left, and Joe Schmidt, emerged as the champ and runner-up, respectively, in the recently concluded table tennis championships held at the Center gymnasium by Special Services. Launey has been playing ping pong for approximately 15 years, while Schmidt is a 12-year veteran. Schmidt fought his way up through the losers' bracket in the double-elimination tourney to earn a crack at Launey, who had defeated him earlier. He won the first match which forced a playoff, but Launey came through the winner, taking the final game by a score of 21-15. Neither man has ever played before in a ping pong tournament at the Naval Weapons Center.

## NWC To Get New Skipper . . .

(Continued from Page 1)  
It was during this latter assignment that he was the initiator of and first project manager of the A-7A Corsair II attack aircraft.

War-time duty in Southeast Asia followed, beginning in November 1964 when RAdm. Suerstedt became the Commanding Officer of the USS UNION (AKA 106), and for this duty was awarded a gold star in lieu of a second Navy Commendation Medal. Other Vietnam War service included serving as Commanding Officer of the USS TRIPOLI, a helicopter assault aircraft carrier, from whose bridge he directed five amphibious assault operations and was awarded a Legion of Merit with Combat "V."

Returning to the U.S. in September 1967, RAdm. Suerstedt became the Executive Director for Logistics and Fleet Support of the Naval Air Systems Command Headquarters in Washington, D.C., and the following July was designated Assistant Commander for Logistics-Fleet Support.

As the result of the management techniques and procedures he developed, he was then awarded a gold star in lieu of a second Legion of Merit.

Another tour of duty in Vietnam

## Bluejacket of Month Chosen...

(Continued from Page 1)  
was sent to Barbers Point, Hawaii. While stationed there he met his wife, who was working as a secretary at a Honolulu firm. The couple was married in 1967.

In October, 1968, Davis returned to the states and attended B School in Memphis. He was then assigned

## Sale of Tickets For Bluejacket Dinner Opens

Tickets for the annual Bluejacket of the Year Awards Dinner, sponsored by the IWV Council of the Navy League, go on sale today. They are priced at \$6.50 per person for the prime rib dinner to be served at the Chief Petty Officers' Club on the Naval Weapons Center.

The dinner is held each year in conjunction with the celebration of Navy Day. This year's banquet will take place on Thursday, Oct. 12. A "Bluejacket of the Year," selected from the past Bluejackets of the Month during the past year at NWC, will be announced at the dinner.

A no-host cocktail hour will begin at 6:30 p.m., with dinner to start at 7:30. Tickets for the affair are available from Francis Carlisle, Room 1058 in Michelson Laboratory, the Public Affairs office in the Administration Building, or from the office of attorney Burke West, 204 Panamint St., Ridgecrest.

Eligible for the Bluejacket of the Year choice are ADJ2 Johnnie L. Parker, Sr., YN2 Dennis R. Gwin, and next month's Bluejacket, all from VX-5; YN2 Terry M. Vickers, AT2 Donald W. Holder, YN1 Phillip L. Windle and AT1 Ray R. Davis, from NAF, and CS1 Jack D. Huffman and ETN2 Richard A. Melgaard, of NWC.

Two other Bluejackets, CYMSN Daniel F. Spiegler and SK3 William L. Stone, both from NAF, have been transferred and will not be eligible for the honor.



**SOME WAY TO FLY** — Barely visible in the cargo compartment of this Aero Spacelines "Guppy" can be seen the tail section of a wrecked A-7D Corsair II that was transported here from Davis-Monthan Air Force Base in Tucson, Ariz. Brought to the Naval Weapons Center for ballistics testing, the damaged aircraft will be used in the tri-service Joint Technical Coordinating Group Aircraft Survivability program for developing methods to increase the combat survivability of the A-7 aircraft.

## Meritorious Service Award Presented...

(Continued from Page 1)  
that Buffum be cited for exceptional service, chief among these were:

- (1) Participation in and evaluation of a helicopter-borne sensor project (Operation Chop-Chop).
- (2) Program, production and cost review of the Korean Fast Boat procurement program.
- (3) Assistance as a participant, advisor and lecturer to ROK

## NWC Physicist To Take Part In Technical Meeting

Dr. E. Ronald Atkinson, a senior physicist with the Naval Weapons Center's Fuze Department, will be a participant in the 16th annual technical meeting of the Society of

In addition, she sits on the board of directors of the Indian Wells Valley Homemakers' Service, and acts as treasurer for the group.

Davis enjoys sports. He played on the NAF softball team this past season and is looking forward to next season. He claims he is too busy to play football this year as he is studying "very hard" for the chief's test.

## Jewish Yom Kippur Service Set Sun., Mon.

Services for Yom Kippur, a solemn Jewish fast day that falls on the 10th day of Tishri, will be held by the NWC Hebrew congregation on Sunday and Monday.

The Sunday service will begin at 8 p.m. in the East Wing of the All Faith Chapel with Paul Tuchman, the new student rabbi, officiating. On Monday there will be a morning service at 10, an afternoon service at 3:30, and Yiskor will begin at 5 p.m. The Yom Kippur observance will conclude at 5:30 p.m.

Louis Davidove, president of the Hebrew congregation, has issued an invitation to all interested persons to attend, especially servicemen.

systems analysis groups established for planning-programming-budgeting, wargaming, simulation and mission analysis.

(4) Initiation of a ship readiness report to determine status, evaluate cost, and reduce time in maintenance of ROK Navy ships along with automated data processing of ROK Navy and Marine Corps Supply Centers.

(5) A major revision and up-date of the "Operational Concept for Countering Seaborne Infiltration in Korea."

In addition, RAdm. Dyedal wrote that Buffum prepared many other brief analyses, reviews and reports some of which were specifically requested by the Commander, Naval Forces Korea, and many that were suggested and un-

## NWC Master Plan Prepared . . .

(Continued from Page 1)

Both projects will be placed in the general area of the present barracks buildings and the Jolly Roger Club, in accordance with a new NWC Master Plan, sponsored by the NWC Public Works Department, headed up by Capt. W. H. Sturman, CEC, USN, who performed a lot of leg work in aiding the plan's adoption.

The revised Master Plan, which projects the long-range development of the Center, was presented in Washington on Aug. 23 to interested commands, including Naval Operations, Naval Materiel, NavFac, Air Systems, Ordnance Systems, Navy Inspector General, and others. The plan, developed under contract by Nav FacWest Div, in San Bruno, Calif., provides for orderly replacement of obsolete facilities as well as construction of projected new requirements.

The presentation received a favorable review, and subsequent to suggested minor revisions, will be submitted to OpNav for final approval.

While the approved plan will ensure orderly development of the Center, and assist in the presentation of military construction projects for funding in appropriate

dertaken as a result of Buffum's initiative.

It was RAdm. Dyedal's view that for Buffum to accomplish the projects that he did required "complete dedication, disregard for normal hours, close surveillance of field activities, at times personal danger, and analytical as well as staff, administrative and liaison abilities.

"In his work with the U.S. and ROK Navy forces," RAdm. Dyedal continued, "Buffum has set an example of imaginative and responsive performance which is a credit to the U.S. Navy."

The Commander Naval Forces Korea concluded by recommending Buffum for the Navy Meritorious Civilian Service Award.

years, it does not, of itself, provide any authorization or funding for construction. However, with occasional updating to reflect revised conditions, it is expected to serve for years as a blueprint for NWC's future.

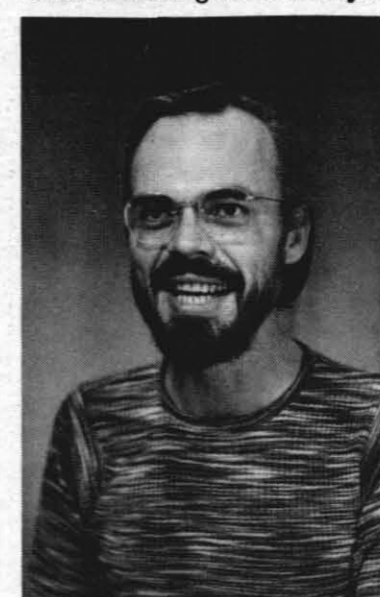
## NWC Residents Responsible For Guests' Actions

Naval Weapons Center employees and residents who sponsor visitors to China Lake are responsible for the manner in which their guests conduct themselves aboard the Center.

According to a reminder issued this week by officials of the NWC Security Department, this responsibility includes the areas of vehicle violations, unauthorized use of facilities, and curfew violations (in the case of juveniles).

"Be sure you know the person or persons you are sponsoring," Security Department officials emphasize.

**CHAMPUS ELIGIBILITY**  
CHAMPUS beneficiaries take note! Dependent eligibility for CHAMPUS ceases as of midnight the day the sponsor is separated from active duty.



**Dr. E. Ronald Atkinson**  
Photo-Optical Instrumentation Engineers.

Since last March, Dr. Atkinson has been on a 6 to 12-month assignment with the National Institutes of Health.

Together with Robert L. Bowman, also of NIH, Dr. Atkinson will present a paper on "Microscopic Temperature Determination with Ferroelectric Thin Film Optics" during the second day of the three day SPIE meeting, which is to be held Oct. 16-18 in San Francisco.



## French Student To Spend Year at Burroughs

A beautiful, soft-spoken mademoiselle from Marseille, France, is the most recent beneficiary of the Burroughs High School — Marseillevevre exchange program.

Students at Marseillevevre, Burroughs' sister school, have been exchanging letters, pictures and gifts with students at the local high school for about 10 years. Since 1968, students have been exchanged between the two schools.

Chantal Demys, 18, has been in the United States since Aug. 15. During this year in America, she will be staying with the James Carter family on Bogue Circle. Her American sister, Cathy Carter, has been introducing Chantal to her friends, a helpful prelude to Chantal's senior school year of studies and extracurricular activities at Burroughs High.

Cathy, who has participated in a number of local dramatic productions, both in CLOTA and for Burroughs High School, hopes to involve Chantal in some facet of play production.

A student of the English language for six years, Chantal is hopeful that her schedule for the coming school year will allow her to be a teaching aide in Burroughs High School French classes. When she goes back to France, Chantal plans to attend the university at Aix to study English, with the ambition to be a teacher or a journalist.

The Demys family lives in Marseille, where Chantal's father is manager of a yachting club. Her mother, a housewife, also helps her father with his business.

During the short time she has been here, Chantal already has formed some opinions about the differences between this country and her homeland. The word "casual" sums up many of these differences. Dress is more stylish in France, Chantal said, and French food is better and more carefully prepared, she said.

French education, more traditional than American, features a lot more homework and more

difficult classwork. "Here there is more time for activities," Chantal noted.

Their relaxed casual attitude is one of the things Chantal likes about her host family, which she pronounces "exceptional."

Sightseeing in America for Chantal already has included San Francisco, where she stayed overnight with friends before she came to China Lake, and a visit to the Grand Canyon. Chantal was impressed with the Grand Canyon, calling it "unbelievable." Her visit there was with the Carter family.

When the Burroughs High School exchange program with Marseillevevre began, it was under the auspices of the American Friends Service Committee (the social action branch of the Quakers). Burroughs' first student from Marseillevevre was Olivier Borrione, who spent an entire year, from August 1968 to August 1969, with the Wallace H. Allan family, on Bogue Circle at China Lake.

In 1970, AFSC terminated its sponsorship of the sister school program. As a result, Lois Allan, who had become interested in the program as Olivier's hostess, wrote to Jean Rippert, the English teacher at Marseillevevre, to suggest that the two schools continue the program on their own cognizance.

This suggestion was implemented, and in the following year, 1971, Elisabeth Mouraut arrived from France to live with the R. C. Jones family in Ridgecrest. At the same time, Maureen Inman, daughter of Mr. and Mrs. Gerald C. Inman on Byrnes St., China Lake, went to Marseille to spend a year with a French family and as a student at Marseillevevre.

This summer, two students from Marseillevevre have lived with local families. Michel Phillip was with the Nick Kleinschmidt family of Coral Sea Circle, China Lake, until the first of September. Denise L'Hoiry recently left Ridgecrest after spending three weeks with the Roger Peck family at their home on the outskirts of Ridgecrest.



**AN APPROPRIATE GIFT**—Presenting her American hostess with some French perfume, Chantal Demys sits in the Carters' living room surrounded by the hospitable family she will live with while attending Burroughs High School this year. Left to right are Dan Carter, Mrs. Carol Carter, Chantal, Larry, Cathy and James R. Carter. Mr. Carter is an employee of the NWC Engineering Department's Mechanical Division, Shop Branch.

A return visitor this summer has been Olivier Borrione, the first student to come through the program. After graduating from Burroughs in 1969, Olivier returned to France to complete his final year at Marseillevevre. He is now a third year student at the University of Medicine in Mar-

seille. In addition to renewing acquaintances in Ridgecrest and China Lake, Olivier has visited many national parks in the west with the Allans.

One trip took him as far north as Jasper in Alberta, Canada, with

stops for sight-seeing and hiking in Glacier, Rainier, Crater, and Lassen National Parks. Another trip took him to Zion and Bryce Parks in Utah.

He will leave China Lake early this month and travel by bus across the southern part of the United States.

## Girl From 'Down Under' Compares Life in Australia to United States

She traveled 6,500 miles to get here on a 22-hour flight from Australia, and, now that she's here, she'll stay a year.

The most recent American Field Service foreign exchange student to visit Indian Wells Valley is Joy Dummett, 16, from Mornington, Victoria, a town located about 30 miles from Melbourne in southeast Australia.

Joy will attend Burroughs High School under an exchange program that has been flourishing here for the past 16 years. Sup-

ported by donations from community organizations, interested citizens and students in local schools, the AFS fosters international understanding through a program that sends local young people overseas in addition to bringing foreign students here.

As part of the AFS Americans Abroad Program, Sherri La Fortune from Ridgecrest has spent this summer in a small Italian village near the border of Switzerland.

Officers for 1972-73 of the local AFS chapter are Mrs. Carl McCammon, president; Mrs. Fred Davis, vice-president; Mrs. James McClothlin and Mrs. Monroe Sorge, co-secretaries; and Dr. William McBride, treasurer.

Blonde and brimming with vitality, Joy Dummett is a unique AFS student, since, unlike others from countries such as France, Belgium or Germany, she doesn't have to get used to the desert. California is very similar to Australia in types of vegetation and habitat, she said. Not surprisingly she finds the local countryside very beautiful.

While she is in this community, Joy is staying with the Paul H. Miller family in Ridgecrest. "This family is really great," Joy said. "They have been very warm and generous to me." Her American sister is Nancy Miller, who is a senior at Burroughs this year. Joy, who also will be a senior class student here, will return to Australia next year to complete her high school education.

Her future plans include study of the humanities at a university and medical studies leading to a possible career in nursing. "I enjoy dealing with people," Joy said, explaining her career choice.

Joy's father is a retired shoe

manufacturer and her mother is a housewife. In Australia, Joy went to a girls' school and met boys only at parties and other social functions. She is understandably enthusiastic about the social life here. "The pace of American life is about 20 times that of life in Australia," she said.

School spirit is better here, Joy felt. School here serves as a major social function whereas in Australia it is only a small part of the student's life. There are more stress and study in the Australian school system, particularly in the senior year, Joy continued. "Kids tend to be more ideological in Australia. They think more like American college kids," she elaborated. "Here they seem to have more time for fun."

American food came in for some criticism from Joy, who eats a lot of health food in Australia. "Food here is super-packaged . . . seems plastic," she explained.

It was winter when she left Australia, Joy recalled, explaining that in Australia the coldest month of the year is June and the hottest month, February.

Since she arrived in the United States, Joy has been on a visit to the Grand Canyon, which she described as "so magnificent it was unbelievable," and Las Vegas, which she labelled appropriately as "a gaudy extravaganza."

### Dance Scheduled At Jolly Roger

Bill Arcalas, manager of the Jolly Roger (Enlisted Men's Club) has invited all members and their guests to a dance tonight, beginning at 9 o'clock.

The Golden State Music Co. will provide the entertainment. Dancing will continue until 1:30 a.m.

## 'Ten Commandments' Of Firearm Handling Listed

The Naval Safety Center has released information via Naval message, received here recently, that 36 off-duty injuries and 11 fatalities occurred during Fiscal Year 1972 as a result of mishandling of personal small arms during recreational activities.

Five of the injuries and two of the deaths were directly attributable to hunting accidents.

According to the 1971 edition of "Accident Facts" (published by the National Safety Council), firearms deaths in the United States total 2,300 persons annually. This includes accidents during recreational activities or on home premises.

Of that total, 900 were attributed to accidents in public places and hunting accidents. These figures indicate that firearms safety must be practiced in the home as well as in the field.

The National Rifle Association says that firearms accidents don't "just happen." They are the result of ignorance or a disregard of safety rules. As a part of Hunter's Safety Training, the NRA has established a set of rules to follow which they have dubbed the "Ten Commandments of Firearm Safety." Make these a habit:

1. Treat every gun with the respect due a loaded gun.
2. Watch that muzzle! Be able to control the direction of the muzzle even if you should stumble.

## 'Cycle Mishaps' Cause 71 Deaths Navywide

According to the Naval Safety Center, Norfolk, Va., there were 71 off-duty military motorcycle fatalities in Fiscal Year 1972 as compared with 54 in Fiscal Year 1971.

Here at the Naval Weapons Center there were no motorcycle fatalities during Fiscal Year 1972, but there was one such mishap during Fiscal Year 1971.

As a means of reducing motorcycle accidents, the Naval Safety Center has just released a course in motorcycle safety based to a large extent on the course developed and given at NWC for the past five years.

This course identifies the cause of many motorcycle accidents, including unfamiliarity with the machine and the rider who is inexperienced or not using defensive riding techniques.

In some cases protective clothing was not worn, although motorcycle accident studies show the parts of a motorcyclist's body most often injured are the head, arms and legs.

The studies also show that the wearing of protective clothing and helmets may well determine whether or not the accident injuries are serious.

The Navy Motorcycle Safety Course emphasizes the following:

Defensive riding techniques  
Care and maintenance of the machine

Protective clothing  
Off road riding safety  
A skill course and emergency stop

The Motorcycle Safety Course is given each month at NWC for all military personnel. A community safety course also is offered on Saturdays about once a month.

3. Be sure barrel and action are clear of obstructions, and that you have only ammunition of the proper size for the gun you are carrying.
4. Be sure of your target before you pull the trigger; know identifying features of the game you hunt.
5. Unload guns when not in use. Take down or have actions open; guns should be carried in cases to the shooting area.
6. Never point a gun at anything you do not want to shoot; avoid all horse-play with a firearm.
7. Never climb a fence or tree or jump a ditch with a loaded gun; never pull a gun toward you by the muzzle.
8. Never shoot a bullet at a flat, hard surface or water; at target practice be sure your backstop is adequate.
9. Store guns and ammunition separately, beyond the reach of children and careless adults.
10. Avoid alcoholic beverages before or during shooting.

Photo Society Plans Course In Darkroom Work

The China Lake Photographic Society is offering a course in darkroom technique, slated to begin sometime the second week of October.

The classes will begin with black and white film developing, contact printing and enlarging. Chemicals, materials and equipment will be provided.

It is planned for classes to be held on both Tuesday or Wednesday nights. Prospective students are asked to call 446-4818 and indicate the night most convenient for them.

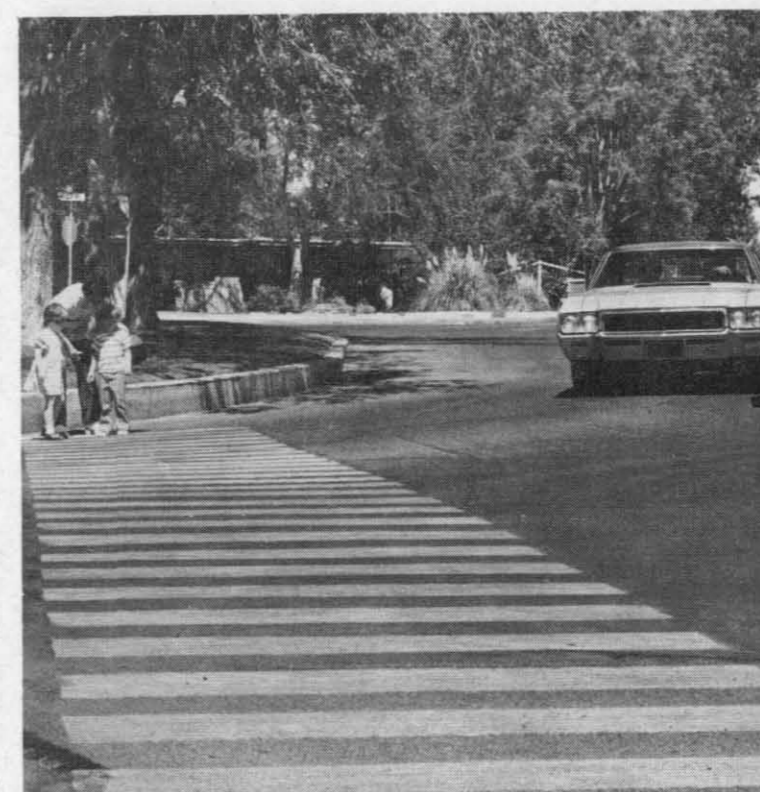
Enrollment will be limited to 10 persons each evening.

The MEDHIC office for San Bernardino and Riverside Counties will provide employers in these two counties with the services of a job referral system. To take advantage of this help, employers should contact the MEDHIC office when needs for additional manpower arise.

MEDHIC is designed to assist medically-trained veterans to locate job opportunities in the health care field. This program is co-sponsored by the Department of Defense and the Department of Health, Education and Welfare.

Interested persons also can contact the Medical Records Office at the NWC Dispensary, phone Ext. 3119 or 3720. The MEDHIC program is open to all ex-servicemen—not just corpsmen or those with some allied training.

The MEDHIC office for San



**BACK TO SCHOOL**—Linda Specht and Steven Suttton have been taught to use the crosswalk when walking to school in the mornings, as have many other children on the Center. However, many drivers are not as courteous as the one pictured here waiting for them to cross the street. Safety Department personnel have observed many drivers who fail to stop when children are waiting to use the crosswalks. The Safety Department this week reminded drivers on their way to work in the mornings to use caution on the Center's streets, and to allow school children the "right-of-way" where crosswalks are marked for their use. —Photo by PH2 G. L. Taylor

## New Office To Help Military Men Find Health Career Jobs

A field office for Operation MEDHIC (Military Experience Directed Into Health Careers) was opened recently to serve San Bernardino and Riverside Counties, according to Jack D. Dennis, assistant MEDHIC area coordinator.

MEDHIC is designed to assist medically-trained veterans to locate job opportunities in the health care field. This program is co-sponsored by the Department of Defense and the Department of Health, Education and Welfare.

Interested persons also can contact the Medical Records Office at the NWC Dispensary, phone Ext. 3119 or 3720. The MEDHIC program is open to all ex-servicemen—not just corpsmen or those with some allied training.

## NELC Employee To Present Talk On Dye Lasers

A technical lecture on organic dye lasers will be presented at 10 a.m. Monday in Michelson Laboratory's Conference Room B-C.

The speaker will be Dr. Theodore G. Pavlopoulos, an employee in the Electro-Optics Technology Division at the Naval Electronics Laboratory Center in San Diego.

Dr. Pavlopoulos, who has done experimental and theoretical work with fluorescent organic molecules, will discuss the relation of dye structure to laser action, and will present information on the type of molecule which should make a good laser.

## Streets To Be Cleared of Sand

The loose sand on streets in the Site "A" Capehart area will be cleaned up on Wednesday and Thursday, Sept. 20 and 21. Residents of the area are advised to park all vehicles off the streets until sweeping has been completed.

## Optimists To Observe Bike Safety Week

The Ridgecrest-China Lake Optimist Club will observe Bicycle Safety Week in the Indian Wells Valley from Sept. 18 to 23.

Included on the agenda will be a program for third and fourth graders and classroom instruction will be provided by elementary schools in the Valley during the week, using materials provided by the Automobile Club of Southern California.

A mechanical safety inspection of bikes will be held on Saturday, Sept. 23, between the hours of 9 and 11 a.m. at six different school locations — Inyokern School, Las Flores and James Monroe Schools in Ridgecrest, and at Murray, Vieweg and Pierce Schools on the Center.

Cyclists will be given an operator's license upon successful completion of classroom training and a riding test.

Bicycle Safety Week is sponsored throughout the United States by Optimist International, an organization concerned with the welfare of youth. The local club is coordinating the efforts of school authorities, Parent-Teacher Associations, law enforcement agencies, Girl and Boy Scouts and other participants.

Parents are urged to encourage their children to take advantage of opportunities offered during this special week.

## Deadline Nears For Letter Writing Contest

The deadline of Nov. 1 is fast approaching for entries in the 1972 Freedoms Foundation letter-writing contest.

Theme of the contest is "Freedom Has a Price."

The writers of the best letters from among all branches of the active duty Armed Forces and reserve components will each receive \$1,000 from the Freedoms Foundation at Valley Forge, Pa.

There also will be 50 awards of \$100 each and another 50 awards of \$50 each. In addition, George Washington Honor Medals and Honor Certificates also will be awarded.

Authors may enter essays and poems in addition to letters. The length should be from 100 to 500 words. Entries must include full name, Social Security number, service component, military address and complete home address including ZIP codes.

Entries must be submitted before the Nov. 1 deadline to Freedoms Foundation, Valley Forge, Pa., 19841.

**Berrys Return . . .**

(Continued from Page 2)  
located about 100 kilometers from Florence.

In connection with her work as a consultant to Dr. G. W. Leonard, head of NWC's Propulsion Development Department, Dr. Kristin Berry was studying environmental problems associated with geothermal development. She was impressed with the Larderello plant, in existence since 1904.

Now at home at China Lake, the couple sorts slides and memories of a full month's travel in East Africa.



**WITH HER AMERICAN FAMILY**—Joy Dummett (left), an AFS student from Australia, characterizes the family she stays with this year as "warm and generous." Left to right, they are Paul H. Miller, 7 year old Lisa Ruth, Mrs. Gerry Miller, and Nancy, 17, Joy's American sister for the year she will spend in Indian Wells Valley. Miller works at NWC as a program manager in the Aircraft Gun Systems Branch in the Systems Development Department's Weapons Systems Division, while Mrs. Miller is an administrative assistant for the Weapons Systems Division of the Systems Development Department.