

HELP TO CITY ACKNOWLEDGED — Capt. Robert B. Wilson, Public Works Officer at the Naval Weapons Center who retired from the Navy on May 31, last week received a certificate of appreciation from the City of Ridgecrest for his cooperation and helpful advice on public works-type problems that have confronted city officials during the two-year period that Capt. Wilson has been head of the NWC Public Works Department. The presentation to Capt. Wilson was made by Don Chieze (at left), Mayor of the City of Ridgecrest, prior to the start of last week's city council meeting. Good advice was provided to the city by Capt. Wilson on problems that ranged from street design and repair to the changeover and consolidation of the sewage collection system for the Ridgecrest-China Lake area.

Mauro now handling duties of head of Special Services Div.

Joseph P. Mauro has been selected to fill the position of head of the Special Services Division, which was vacated by Richard L. Youngman in August 1978 when he left here for an assignment in Japan.

Until Mauro reported from the Naval Support Activity, Brooklyn, N.Y., LCdr. Ed Brooks was the acting head of the Special Services Division.

Mauro, a former U.S. Air Force personnel officer, has over 20 years of experience as a restaurant owner, mess manager, and recreation specialist.

As the Naval Weapons Center's Special Service Director, he will be responsible for planning, organizing, and supervising the recreation and open mess facilities serving China Lake. Mauro held similar responsibilities in his position as personnel support officer in Brooklyn.

He started in Brooklyn as mess manager of the Commissioned Officers' Mess (Closed), a position he held from December 1968 to February 1974. In 1974, he became the special services director for that activity and was the administrative head of two divisions providing recreation and

bachelor housing for officers and enlisted personnel. In 1977, the divisions were consolidated and Mauro's title was changed to personnel support officer.

Before going to work for the Navy, Mauro was self-employed as the owner of three Italian restaurants in Brooklyn and Queens, N.Y. He went into the restaurant business shortly after a four year hitch in the Air Force during which he saw duty in Korea and New York City. He was a first lieutenant when he was released from active military service in April 1959.

The Brooklyn native earned a bachelor's degree in Economics at Queens College in Flushing, N.Y., in June 1955, where he was



Joseph P. Mauro

a member of the Reserve Officers' Training Corps. Then while serving with the Air Force in New York City, Mauro obtained a bachelor's degree in psychology from Mitchel College in Hempstead, N.Y., in April 1959.

For his past outstanding service at the Naval Support Activity, he was awarded the Meritorious Service Award in 1976 for planning and implementing the consolidation of Special Services activities, and mess and bachelor housing facilities there.

Mauro says that if anyone has any problems or suggestions about facilities and programs at China Lake to "please call me on NWC Ext. 3387 or 3791. Just ask for Joe."

He and his wife Gerry, and their son, Peter B, will live in quarters aboard the Center.

Maturango Museum schedules talk, trip to South Fork of Kern River

Two opportunities to learn about and enjoy the South Fork of the Kern River are being offered under the sponsorship of the Maturango Museum this month.

On Wednesday, June 20, beginning at 7:30 p.m. at Las Flores School in Ridgecrest, Bob Barnes will present film slides and a discussion about the South Fork area.

He will discuss the natural history, geology, habitat types, birds, and flowers that make this such a fascinating area; his talk will cover the ecosystems to be found from the shores of Lake Isabella to 10,000 feet in altitude.

Also covered by this active member of the Audubon Society and the Sierra Club will be the conflicts over uses of the area, the areas set aside by the U.S. Army Corps of Engineers, and the proposed uses for the area.

Lecture Free to Public

The lecture is open to the public free of charge. Those planning to attend are reminded that it will be presented at the Las Flores School in Ridgecrest instead of at the Richmond School, where Maturango Museum-sponsored lectures are usually held.

Following his Wednesday evening talk, Barnes will display more of his knowledge of this beautiful area by leading a museum field trip to the South Fork of the Kern. This field trip will also be open to the public, and

will be held on Saturday, June 23. Those planning to attend are asked to call the Maturango Museum, 446-6900, between the hours of 2 and 5 p.m. by Thursday, June 20, to get their names on the field trip list.

Participants in this outing will meet at the bridge over the South Fork on the Kernville Road at 8:30 a.m. This destination is reached by taking the Walker Pass road almost to the lake, and turning right at the sign that says "Kernville Airport 10 mi., Kernville 13 mi." It's only about a mile from this sign to the meeting place by the bridge.

Planned for Saturday's trip is a walk along the river bank among the cottonwoods and willows. Sightings of many species of birds are expected — there are approximately 80 species to be found in the area. Among the birds to be seen are osprey, bitterns, kingfishers, swallows, the Yellow-billed cuckoo, and the bald eagle.

Those interested in visiting the interior grove nature trail should be suitably dressed for wading, since the bridges to this area may not yet be up. All participants should bring their own lunches, water, sunshades, mosquito repellent, binoculars, and cameras.

'Hail, farewell' fete for military officers planned Tues. night

A hail and farewell party honoring incoming and departing military officers of the Naval Weapons Center will be held on Tuesday evening at the Commissioned Officers' Mess.

Heading the list of officers who will be leaving China Lake is Rear Admiral William L. Harris, NWC Commander. Others are Cdr. Fran Zuber, senior nurse at the Branch Medical Clinic; LCdr. Hod Wells, assistant Public Works Officer; and Maj. Bill Egen, USMC, Air Weapons Systems Officer in the Marine Corps Liaison Office.

The recent arrivals at NWC who will be introduced are Maj. John Bland, USMC, LCdr. Hal Phenny, Lt. David Leedy and Lt. Ron Dargo.

Following a social hour from 5:30 to 6:30, presentations will be made from 6:30 to 7:30. Those wishing to remain for dinner are asked to make their own reservations by calling 446-2649. Civilian guests are invited to attend the festivities.

Law enforcement needs discussed at NAACP meeting Tues.

A comparison of the needs of the adjoining communities of China Lake and Ridgecrest in the area of law enforcement was the subject of talks that were presented at Tuesday night's meeting of the Indian Wells Valley Branch of the National Association for the Advancement of Colored People (NAACP).

The meeting, which was open to the public, was held in the old Kern County Building, 230 W. Ridgecrest Blvd.

The speakers were Ron Nelson and Bob Norman, police chiefs at China Lake and Ridgecrest, respectively, who told something about their own backgrounds in law enforcement work, in addition to outlining the ways in which their police departments operate.

A special highlight of the evening was the presentation of an NAACP membership pin to Mrs. Jean Harris, wife of Rear Admiral William L. Harris, NWC Commander, who will be leaving China Lake at the end of this month.

MOVIES

(G) ALL AGES ADMITTED
(PG) PARENTAL GUIDANCE SUGGESTED
(R) RESTRICTED
Under 17 requires accompanying Parent or Adult Guardian

Regular starting time—7:30 p.m.
For synopsis information call
Code-0 Phone 939-2411

FRIDAY JUNE 15
"SMOKEY AND THE GOOD TIME OUTLAWS"
Starring Jess Turner
(Comedy, rated PG, 96 min.)

SATURDAY JUNE 16
"FOREVER YOUNG-FOREVER FREE"
Starring Karen Valentine and Jose Ferrer
(Drama, rated G, 85 min.)
1:30 Matinee—regular adm.

"ICE CASTLES"
Starring Lynn Holly Johnson
(Drama, rated PG, 110 min.)

MONDAY JUNE 18
"ICE CASTLES"
Starring Lynne Holly Johnson and Robby Benson
(Drama, rated PG, 110 min.)

WEDNESDAY JUNE 20
"HELL HOUND ALASKA"
Starring Doug McClure
(Drama, rated PG, 104 min.)

FRIDAY JUNE 22
"WOLFMAN"
Starring Kristine Reynolds and Sid Rauer
(Horror-Drama, rated PG, 109 min.)

SATURDAY JUNE 23
"THE WIZ"
Starring Dianna Ross and Michael Jackson
(Musical Fantasy, rated G, 134 min.)
1:30 Matinee—regular adm.

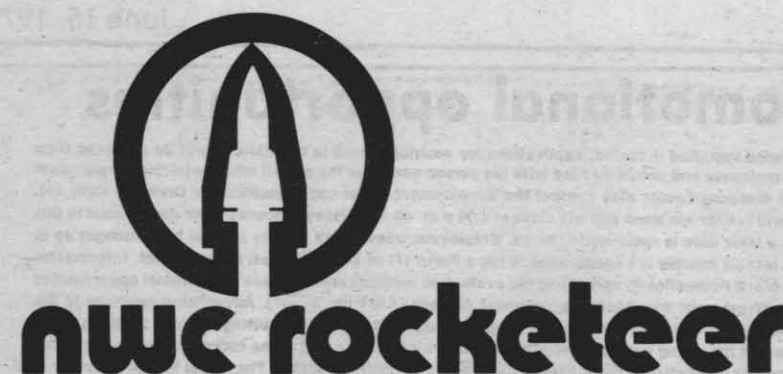
"UNCLE JOE SHANNON"
Starring Burt Young and Doug Mc Keon
(Drama, rated R, 102 min.)

U.S. Government Printing Office: 1979—No. 31

From: _____

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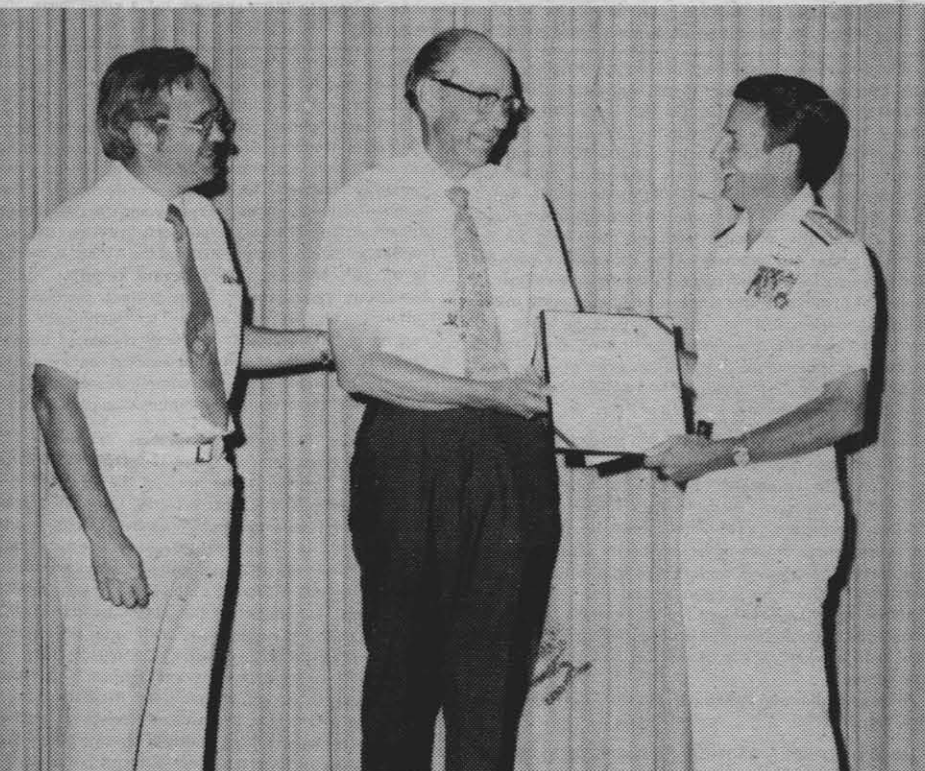
Naval Weapons Center
China Lake
California

June 15, 1979

Vol. XXXIV, No. 24

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CONGRATULATIONS IN ORDER — Rear Admiral William L. Harris, NWC Commander, was joined by Bob Hillyer, Technical Director, in extending congratulations to Dr. Ronald Henry who, last Friday, received the Navy Superior Civilian Service Award during a luncheon at the Commissioned Officers' Mess. The award was presented to Dr. Henry by RAdm. Harris on behalf of the Chief of Naval Material. —Photo by Ron Allen

Senior research scientist receives Navy Superior Civilian Service Award

The Navy Superior Civilian Service Award — the second highest honorary award under the Navy Incentive Awards Program — was presented last Friday to Dr. Ronald Henry, a senior research scientist in the NWC Research Department.

The award — a certificate and medal — was presented to Dr. Henry on behalf of the Chief of Naval Material by Rear Admiral William L. Harris, NWC Commander.

Dr. Henry was honored for the many valuable contributions he has made to NWC and its forerunner (the U.S. Naval Ordnance Test Station) during his 32 years at China Lake.

Dr. Henry's current duties involve him in the planning and conduct of fundamental research in organic chemistry with emphasis on the synthesis and evaluation of high energy polymers, dye laser chemistry, chemiluminescent chemistry, new propellant ingredients and their formulation into

new propellant systems, new explosive chemicals and their formulation into new explosive systems, and other areas of interest to naval ordnance.

As one who is recognized as an international expert in his field, he also conducts scientific investigations of outstanding difficulty in heretofore unexplored areas.

Dr. Henry, a recipient of the L. T. E. Thompson Award in 1960, began work at NOTS, China Lake, in February 1947. He has a bachelor's degree in general chemistry and a Ph.D. in organic chemistry, both earned at the University of Washington.

During the more than three decades that Dr. Henry has been employed at NOTS and NWC, he was head of the Research Department's Organic Chemistry Branch for 13 years, and has held his present position as a senior research scientist since March 1976.

International Authority

As an established international authority in the science and ordnance applications of a diverse class of organic (high nitrogen) compounds, he has been a member of several Department of Defense committees and study groups and, in addition to his work here had helped to develop and guide programs that have benefited the nation's defense posture.

As an example of research programs conducted by Dr. Henry which are especially notable for their originality, inventiveness, innovation, and their unusual value to the Navy, he was directly responsible for the development of a high yield, economical process for producing high bulk density nitroguanidine. This process is the preferred one for producing this important energetic ingredient for gas generator, propellant, and explosive applications.

In addition to his work in the fields of high

Thompson, McLean Awards presented to five of NWC's outstanding employees

Five of the Center's outstanding employees were honored at a luncheon this past Friday during which the L. T. E. Thompson Award (the Center's highest recognition for outstanding individual achievement) and the William B. McLean Award (which recognizes exceptional creativity) were presented.

Rear Admiral W. L. Harris, NWC Commander, was joined by Bob Hillyer, Technical Director, in making the presentations.

Individuals singled out for this special distinction were: Paul E. Cordle and Gerald R. Schiefer, who each received the L. T. E. Thompson Award; and George W. Burdette, John Pearson, and Lyman F. Van Buskirk, who each received the William B. McLean Award.

Basis for Award

To date, 59 employees of the Naval Weapons Center have received the Thompson Award "for outstanding contribution to the advancement of ordnance and thus the forces of the U.S. Navy."

By presentation of this award, the Center pays tribute to its first Technical Director, who was the first person to receive this honor. Through his leadership, vision, and persistent efforts, the late Dr. Thompson gathered at China Lake a strong complement of outstanding men and women. The success of the Center in the field of ordnance has been in great part due to the initial guidance of Dr. Thompson and to his skill in integrating military and civilian personnel into an enthusiastic, effective group.

Medal, Certificate Presented

The Thompson Award consists of a certificate and a medal which is cast in the likeness of Dr. Thompson, who died on Dec. 13, 1978. The medal is inscribed with the recipient's name and the words, "In recognition of outstanding contribution to the advancement of ordnance."

Cordle, associate head of the Ordnance Systems Department, was cited "for his outstanding leadership, expertise and international reputation in the field of ord-

nance and ordnance systems. His efforts have enhanced the Naval Weapons Center's recognition as the premier center for research, development and introduction of tactical air ordnance. His complete understanding of conventional air-to-surface ordnance is unique in the Navy Laboratory System. In addition, his professional leadership has developed a new generation of NWC scientists who can assure continued NWC leadership in conventional air-to-surface ordnance."

Cordle came to China Lake in 1955 as a junior professional in the Professional Development Program shortly after receiving a BS degree in industrial engineering from the Georgia Institute of Technology.

Gerald R. Schiefer, Assistant Technical

Director for Development (Electronic Warfare) and head of the Electronic Warfare Department, was recognized "for his outstanding managerial and technical contributions to the Naval Weapons Center as evidenced by the success the SHRIKE and HARM Programs have achieved under his guidance and direction. His excellent leadership and dedication have served in furthering the mission of the Center as well as the Department of the Navy."

Schiefer came to China Lake in 1960 as a junior professional in the Professional Development Program, following his graduation from the University of Utah with a BS degree in electrical engineering.

The William B. McLean Award was established in 1968 to recognize outstanding



OUTSTANDING EFFORT RECOGNIZED — Five Centerites were highly honored during a luncheon held last Friday at the Commissioned Officers' Mess during which it was announced that they were the latest recipients of the L. T. E. Thompson Award and William B. McLean Award. The presentations were made by

Rear Admiral William L. Harris, NWC Commander, and Bob Hillyer (at right), Technical Director, to (l.-r.) Gerald R. Schiefer and Paul E. Cordle, who received the Thompson Award, and John Pearson, Lyman F. Van Buskirk and George W. Burdette, who received the McLean Award. —Photo by Ron Allen



CAMPAIGN TO START — Nancy Cleland, chairperson for the 1979 U.S. Savings Bond drive at the Naval Weapons Center, discusses this year's campaign with Jack MacKenzie, area representative for the U.S. Savings Bond Division of the Treasury Department.

Kick-off meeting held to launch Savings Bond drive at China Lake

The "kick-off" meeting for the Naval Weapon Center's 1979 Savings Bond campaign was held Tuesday morning at the Community Center.

The purpose of this meeting was to brief the department coordinators and assistants on the basics of the Savings Bond program and their roles in the campaign.

During the campaign, which will begin next Monday and continue through June 29, each NWC employee will be given the opportunity to join the payroll savings plan or to increase his or her present allotment.

Jack MacKenzie, area representative for the U.S. Savings Bond Division of the Department of Treasury, presented some of the highlights of the Savings Bond program and answered questions from the audience.

In addition, a film was shown to the group which stressed some of the greater values of buying bonds through the automatic payroll savings plan.

Following are some facts concerning Series E Savings Bonds: Savings Bonds provide maximum safety. The full faith and credit of the Federal Government stands behind them.

Purchasers may cash an E Bond at any time beginning two months after date of issue. But to get the maximum yield of 6 1/2 percent, it must be held to maturity.

Effective June 1, 1979, the guaranteed interest rate went up to 6 1/2 percent when the bonds are held to maturity. E Bonds now on sale are guaranteed a 10 year extension beyond first maturity of 5 years.

of earlier issues have been granted additional extensions, so that all E Bonds still outstanding continue to earn interest.)

The Payroll Savings Plan permits Savings Bonds to be purchased on a partial payment plan. This is an automatic, convenient way to buy bonds.

Interest on Savings Bonds is exempt from all state or local income or personal property taxes. Interest from Savings Bonds is subject to Federal income taxes, but interest need not be reported for tax purposes until the bonds are cashed.

Series E Bonds, whether matured or unmatured, may be exchanged (in amounts having a current redemption value of \$500 or more) for current-income Series H Bonds, which pay interest each six months by treasury check and mature in 10 years.

Freedom Shares are also eligible for this exchange, either by themselves or in combination with E Bonds. Accrued interest on bonds / shares offered in the exchange continues to enjoy tax deferral until the H Bonds so acquired are redeemed or reach final maturity.

E Bonds may be issued in the name of one person, in the name of two persons as co-owners, or in the name of one person as owner with a second person as beneficiary (payable on death).

Savings Bonds issued with a surviving co-owner or beneficiary do not form a part of an estate for probate purposes. However, their value must usually be included in computing the gross estate for estate and inheritance tax purposes in accordance with the laws of individual states.

Promotional opportunities

Unless otherwise specified in the ad, applications for positions listed in this column will be accepted from current NWC employees and should be filed with the person named in the ad.

Interdisciplinary position (Mechanical Engineer, GS-830, Electronics Engineer GS-855, Aerospace Engineer, GS-841 or Physicist, GS-1310), PD No. 783999, Code 3908 — This position is located in the Missile Development Project Office of the Sparrow Program Office.

Secretary (Typing), GS-318-4/5, PD No. 7512013, Code 12 — This position is located in the Weapons Planning Group and reports to the program director for Intelligence and Current Operations.

Librarian (PS&E), GS-1410-9, PD No. 7823009, Code 233 — This is a WAE (Intermittent) position. Applications from status eligibles will be accepted.

Supervisory Personnel Security Specialist, GS-800-5/7, PD No. 7924013N, Code 2431 — This position is the head, Internal Security Branch, Information and Internal Security Division, Safety and Security Department.

Contract Specialist, GS-1102-11/12, PD No. 7125011E, 7625041-E, Code 2521 — This position is located in the Contracts Management Branch, Contracts Division, Supply Department.

Interdisciplinary, GS-12/13, PD No. 7931102, Code 31404 — This position is interdisciplinary in any of the following fields: Computer Specialist, GS-324, Electronics Engineering, GS-855; Physicist, GS-1310, Mathematician, GS-1520.

Interdisciplinary, GS-11/12, PD No. 7931098, Code 3145 — This position can be filled by an Electronics Engineer GS-855; Physicist GS-1310; or Computer Scientist GS-1520.

projects within the Branch, but with special emphasis on the A&E and A7E tactical computers. The incumbent will define project computer requirements; will coordinate efforts done under contract, and will review and test contractor products.

Supervisory Electronics Engineer, GS-855-12/13, or Supervisory Physicist, GS-1310-12/13, PD No. 7931096, Code 3158 — This position is the head of the Radar Branch, Aircraft Sensor and Laser Systems Division, Systems Development Department.

Interdisciplinary, GS-7/9/11, PD No. 7931104, Code 3171 — This is an interdisciplinary position in the following fields: Physicist, GS-1310; Operations Research, GS-1515; Mathematician, GS-1520.

Research Chemist, GS-1320-9/11/12, PD No. 7545659, Code 3222 — This is a full time position located in the Propellants Branch, Propulsion Systems Division, Ordnance Systems Department.

(Continued on Page 5)

DIVINE SERVICES

PROTESTANT Sunday Worship Service 1000 Sunday School—All Ages 0845

ECUMENICAL Wednesday Noon Bible Study 1130 Thursday Men's Prayer Breakfast 0630

ROMAN CATHOLIC M.A.S.S. Saturday 1700 fulfills Sunday obligation Sunday 0830-1130

CONFESSIONS Daily 1115 to 1130 Saturday 1615 to 1645 Sunday 0800 to 0825

RELIGIOUS EDUCATION CLASSES Sunday Pre-school thru 11th grade 1000 Above classes are held in the Chapel Annexes across from the former Center Restaurant.

JEWISH SERVICES EASTWING—ALL FAITH CHAPEL Sabbath Services every Friday 1930 UNITARIANS CHAPEL ANNEX 95 Sunday Services—(Sept. May) 1930

Plans announced for Jokari paddle ball tournament

A Jokari paddle ball tournament for boys and girls 8 years of age and up will be sponsored by Special Services Division at the Community Center beginning Thursday, June 28.

Jokari is a new indoor/outdoor game much like racketball in which two players compete by using paddles. They try to hit a ball attached to a super-stretch band connected to a weighted base.

The game, which has all of the excitement of tennis and racketball, but is easier to learn, has been popular in Europe for over 40 years. The tournament here will be one of 1,000 sanctioned Jokari tournaments throughout the country this year.

Youngsters may register for the 1979 Jokari paddle ball tournament on June 25 and 26 from 11:30 a.m. to 3:30 p.m. at a practice site that has been set up in the parking lot of the Community Center.

Participants will be given the opportunity to learn how to play Jokari at the practice sites on June 25, 26 and 27 from 11:30 a.m. to 3:30 p.m. Coaches will be available during the practice sessions to give free pointers to budding paddle ball players.

During the tournament, boys will compete against boys, and girls against girls. All participants will receive a special participation patch, while each divisional winner will receive a specially designed trophy.

Youngsters desiring further information on the tournament may call Bart Dockins at NWC Ext. 2081 or 2909.

China Lakers place 2nd, 3rd in 11th ND area racketball play

Chuck Schneider and Mario Lopez of NWC placed second and third, respectively, last week in the Northern Area, 11th Naval District, racketball elimination competition which was held at China Lake.

The winner was Lonnie Scott of the Pacific Missile Test Center, Point Mugu.

The top three earned the right to advance to the 11th ND finals in men's racketball this week in San Diego, but only Lopez was able to make the trip south to represent NWC in this event.

At the end of two rounds of play in this double elimination affair, Lopez had a win and a loss.

Also in San Diego this week, Colleen McKenzie represented NWC in the 11th ND women's racketball competition. The first word received here was that she had won her first two matches.

Rec. Roundup . . .

(Continued from Page 6) be taught by lifeguards hired by the Special Services Division, must be able to float unassisted either on their back or stomach.

Four separate 30-min. class sessions will be conducted on Monday, Wednesday and Friday at 8, 8:30, 9 and 9:30 a.m., starting on July 2 and ending on Friday, July 20. There is a charge of \$8 per student for three 30-min. lessons per week over a three-week period.

Open Bowling Hours

With summer at hand, additional hours for open bowling are now in effect at Hall Memorial Lanes. The bowling alley is open to non-league bowlers Monday and Tuesday, from 11 a.m. to 6 p.m.; on Wednesday from 11 a.m. to 6 p.m., and from 8:30 to 11 p.m.; Thursday from 11 a.m. to 8 p.m.; and Friday, Saturday, Sunday and holidays from 11 a.m. to 11 p.m.

Friday is "red pin" day, and Blue Chip bowling is scheduled on Wednesday nights, starting at 8:30.

employee in the spotlight

By Ernest R. Suttton

You often hear of women entering non-traditional jobs but seldom of men seeking jobs traditionally held by women, such as in the clerical field.

Dave Rivera of the Supply Department's Purchase Branch may be one of the few exceptions to this rule.

With the job market almost frozen at the Naval Weapons Center in early 1978, except for those already employed by the Federal government, Dave wanted to enter Civil Service here. The only jobs open at the time were clerical positions.

"I'd heard that the most important thing to do was to get your foot in the door," Rivera said. "I thought after I got in, I could easily progress from there."

Hired as Clerk in Control Division

After taking a refresher course in typing at Cerro Coso Community College, Dave qualified for a clerk-typist position and his name was placed on that register. He was hired as a clerk in the Control Division of the Supply Department in April 1978.

"Shortly after being hired, a job opened up in my field at the GS-7 level. It was then that I found out that a person had to serve a year in grade before he could be advanced to the next level. I sure had a lot of misconceptions about Civil Service," he laughed.

About this time he became the only male among 35 females attending a clerical seminar for secretaries at China Lake. Rivera asked to be allowed to take the 5-day course so that he could become familiar with Navy paper work policies and procedures.

"If a Man Answers, Hang Up!"

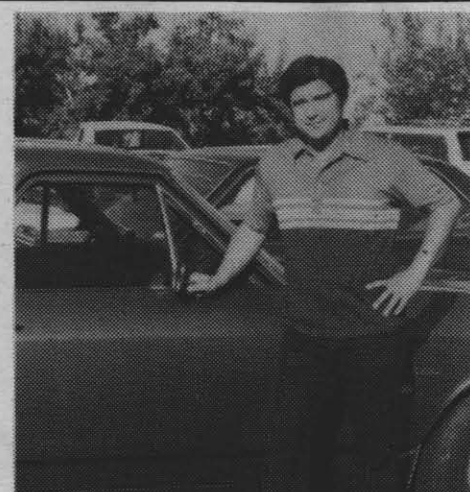
Later when the Control Division secretary left on three weeks vacation in July 1978, the division head decided to have Dave fill in as division secretary during her absence.

"I really enjoyed my short tour as secretary, but I really confused a lot of people," Rivera recalled.

Dave said many telephone callers must have thought they had wrong numbers when they heard him answer the phone because they would immediately hang up. Others would do a double take when they walked into the office and saw him sitting at the secretary's desk.

Before being hired here, Rivera worked in Trona for the Parsons Construction Co. as the chief time keeper for about nine months. He had previously worked at the NWC Federal Credit Union for two years. Other positions he has held in his varied career include being branch manager of finance offices in Bakersfield, Pasadena, and San Bernardino, and appliance salesman for a major department store in San Bernardino.

While attending Burroughs High School, he joined the Seabee Reserves during his junior year. Upon graduation in June 1962, Rivera went on active duty with Naval Mobile Construction Battalion Ten, homeported at the Naval Construction Battalion Center, Port Hueneme, Calif.



"I really enjoyed my short tour as secretary, but I really confused a lot of people."

Dave Rivera

During his two years of active naval service Rivera says he was one of the fortunate ones who was able to join the Navy and see the world. "I served short tours with the battalion in Alaska, the Philippines, Guam and on Okinawa," he reported.

Wins Lightweight Boxing Title

While serving at Adak, Alaska, he became a Navy boxer and won the Adak lightweight boxing championship title. "Since then I hung up my gloves and got into sports car racing," he said.

Dave races an "H" production Sprite at events in Riverside, Ontario, Monterey and Phoenix. "I have a room full of trophies including many first and second place awards, and some thirds," Rivera continued. "In the four years I have been racing, I haven't gotten one speeding ticket on the highway. I am able to take my frustrations out on the track and have no desire to speed when I'm driving on the road."

It wasn't always like this. Dave reports that at one time he had nearly 30 speeding tickets, which he found not only expensive to pay but they also caused his automobile insurance premiums to go up.

Besides the Sprite, Rivera also owns a 1971 El Camino, a 1970 MGB sports car, and a 1959 Morris Minor Woody.

Rivera Is Active Member of Eagles

He is a member of the Sports Car Club of America and is active in the Ridgcrest Lodge of the Fraternal Order of the Eagles. In the latter organization, he is currently serving as trustee and has been nominated for the office of conductor, after previously serving as treasurer, then chaplain.

Rivera has also been attending Cerro Coso Community College taking courses at night in such subjects as drafting, welding, and English.

"As a procurement clerk I am responsible for typing the purchase orders that the buyers make up after talking to the vendors. In addition, I am responsible for general office work such as filing and answering telephones. I'm the only male clerk in the office (and probably the only one on the Center), the other four are women. Most of the buyers are women, too. Only three of our current 14 buyers are men," Rivera said.

Rivera reports that his wife has helped him to learn more about secretarial work. Pamela, who is also from Ridgcrest, is the secretary to the Officer-in-Charge of the Branch Medical Clinic. Dave and Pamela have been married for 12 years. He says that he has also received a lot of encouragement from his father, Frank Amparano, who has worked in Civil Service at Salt Wells for almost 30 years.

"I don't regret my decision to enter Civil Service as a clerical worker. It's a field more men should consider; however, eventually I hope to find openings in the personnel field once I have become qualified. If I ever have my own secretary, I'll probably be more understanding of the problems he or she faces," Dave stated.

Intramural League softball results reported . . .

(Continued from Page 6) tallied a single run in the fourth and 2 more in the fifth to make it a 10-10 tie ballgame for a close finish as the CSC team after five innings had been played, since the fourth put them in the lead, 9-7. This set the stage for a close finish as the CSC team



CINDERELLA TEAM — From rags to riches — that's the story of the Sockers, undefeated and untied champions in Group 2 of the Pacific Division in the Youth Center Soccer League. With almost the same players, this team couldn't win a game during the fall season, but persistence paid off and the Sockers romped to the title this spring.

Flower Shop team had pushed 1 more run across in its half of the fifth inning.

The game-winning runs (3 in all) were tallied by the Flower Shop team during its final turn at bat in the top of the sixth. When the CSC team failed to score in the last half of the sixth, it was all over with the Flower Shop team out in front by a final score of 13-10.

Linda Radcliff, of the Flower Shop team, was the game's premier hitter. She had a triple and a single in three times at bat, scored 2 runs and had 1 RBI. A teammate, Claudia Kleinschmidt was 2 for 2 at the plate (both singles) and tallied 1 run.

Laurie Killilea led CSC with 2 hits (both singles) in two turns at bat, and scored 1 run.

Scores of games played during the week of June 4-8 by men's slowpitch softball teams were:

American — ARCS 13, Marauders 5; CMCI 10, Cobras 6; Knights 25, Sun Devils 1; Homestead 25, CSC 4; and Blacksheep 13, James Gang 11.

National — James Gang 27, Blackjacks 9; Hooters 10, Bird Olds 2; Pizza Villa and NWC O's, 13-13 (tie), and Time Out 9, ARCS 6.

The Rocketeer

Official Weekly Publication Naval Weapons Center China Lake, California Rear Admiral William L. Harris NWC Commander

Head Technical Information Department Don R. Yockey Editor Ernest Sutton Associate Editor Beverly Becksvort Editorial Assistant Ron Allen Staff Photographer



DEADLINES 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.



Recreation Roundup

Tennis tourney between MDISL teams opens today

A group of five players has been chosen to represent the Naval Weapons Center in the Mojave Desert Interservice League's tennis competition that will begin here this afternoon and continue through Sunday at the China Lake tennis courts.

Since MDISL members will be permitted to have just four players in the tennis tourney, one of the following China Lakers will be dropped before the tennis matches begin.

At deadline time for this week's issue of THE ROCKETEER, those slated to play for NWC were Willie Moffett, Bob Reusche, Mike Vogt, Bob Martinez and Roger Del Parto.

Tennis players from Edwards, George, March, Nellis and Norton Air Forces Bases, and the Los Angeles Air Force Station will be here to compete in singles and doubles tennis matches that will determine the MDISL tennis champ.

Free Day of Golf

Another free day of golf at the China Lake golf course is being donated this Sunday by the Special Services Division.

Non-members of the China Lake Golf Club will have another chance to try out the local course, and can make arrangements to do so by calling Paul Someson, local golf pro, at NWC Ext. 2990.

Swim Class for Beginners

Registration for the second session of swimming lessons for beginners to be offered this summer is now being taken at the Center gym.

Those attending these classes, which will

(Continued on Page 7)

Rob't Kundinger now employed as NWC's assistant athletic director

Robert M. Kundinger, a former Air Force athletic officer, has been chosen as the Naval Weapons Center's new assistant athletic director.

Kundinger comes to China Lake from San Marcos, Calif., where he served as president of the youth baseball leagues, and as recreation leader for the City of San Marcos Recreation Department while attending San Diego State University (SDSU).

He received a bachelor of arts degree in Recreation Administration from SDSU in June 1976. He had previously received an associate of arts degree with emphasis in physical education from Palomar College in San Marcos in June 1967.

The new assistant athletic director retired from the U.S. Air Force as a technical sergeant after 21 years of service in 1974.

During his military career, he served as a communications center supervisor and a communications program manager both in the United States and in Germany. Concurrently, he performed additional duty as unit athletic officer for the final 12 years of his active duty.

While in the Air Force, Kundinger coached and managed numerous adult, teenage, and youth baseball, softball, basketball, soccer and flag football teams. His duty stations include March AFB, (Riverside), George AFB, (Victorville), Norton AFB, (San Bernardino), and McClellan AFB, (Sacramento), all in



DODGERS LOSE CLOSE ONE — In a topnotch Indian Wells Valley Pony League baseball game, the previously undefeated Dodgers lost their first game of the season, 2-1, last Saturday to the Angels. As this photo was snapped, Dave Vigneault came around from second to score the Dodgers' only run in the first half of the second inning. John Fry, catcher for the Angels, overthrew second base in an attempt to pick off Vigneault, who took advantage of the error to tally for the league leaders. The Dodgers are still out in front with a 10-1 record in the Pony League. The official watching the play at home plate is Jack Eyer.

Fast pitch softball action limited to 3 games played by women's teams

Action in the fast pitch division of the China Lake Intramural Softball League was limited last week to just three games—all played by women's teams.

In two of the games, the Charlie Browns were the victims of two of the stronger teams in the league as they were roughed up 30-11 by the division-leading Ridgecrest Merchants and shut out 11-0 by the Flower Shop.

In their game against the Ridgecrest Merchants, the Charlie Browns were kayoed in the first two innings as the Merchants tallied 7 runs in their first time at bat and 15 more in the second inning.

Leading by a more-than-ample margin of 22 runs, the Merchants settled for 6 more runs in the third and another 2 scores in the fourth inning of a game that was cut short to five innings of play.

The Charlie Browns sandwiched in a single run in the third inning in between a pair of runs scored in their second and fourth times at bat, and then piled up 6 runs in the fifth and last inning, but they were hopelessly out of the game by that time.

Kim Fletcher and Jo Maschoff each batted .1000 for the Merchants — getting 3

hits in 3 trips to the plate and scoring 4 and 3 runs, respectively. Two of Fletcher's hits were doubles and Elaine Townsend also got a 2-base blow.

For the Charlie Browns, Marion Paisano was the leading hitter with 2 singles in 4 times at bat. She also scored 2 of her team's 11 runs.

Sharon Machowsky pitched a 1-hitter for the Flower Shop team in its shut-out win over the Charlie Browns.

This was another abbreviated 5-inning contest as the victors warmed up by scoring 4 runs in the first and 2 more in the second inning. Neither team was able to score in the third inning, but the Flower Shop squad picked up 1 more run in the fourth and another 4 tallies in the last half of the fifth to end the game with a 11-0 lead.

Debbie Beecroft led the Flower Shop in the hitting department with 3 singles in 4 times at bat. The fielding gem of the game was a double play initiated by Jill Marley-Zubek, short stop for the Flower Shop, who fielded a ground ball, stepped on second base to force out a base runner headed for the bag and then fired the ball to Lisa Brown at first base for the second out.

The Flower Shop team picked up its second victory of the week by outscoring CSC 13-10 in a close contest.

The Flower Shoppers gave up 6 runs to CSC in the second inning, but scored 2 runs each in the first and third innings which reduced the CSC lead to 7-4 after three innings of play.

A 5-run rally by the Flower Shoppers during their turn at bat in the 4th of the

(Continued on Page 7)

'78-79 Admiral's Cup competition ends with track, field meet

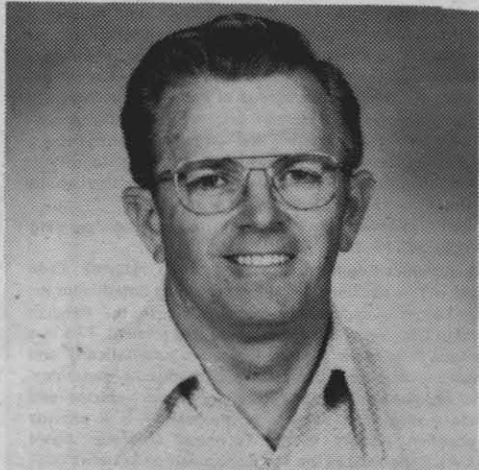
The final event of the 1978-79 Admiral's Cup athletic competition, a track and field meet, will be held next Wednesday, June 20, starting at 11 a.m. at the Murray Junior High School playing field.

Teams representing NWC Blue (Code 612), NWC Gold and VX-5 will be vying in four events for men, two for women, and a pair of coed events.

For the men there will be a 100 yd. dash, mile run, softball throw for distance and a tug of war with 10 men on each side.

Women's events are the 100 yd. dash and softball throw, and the coed competition includes a 600 yd. shuttle relay race and a 3-legged race.

Immediately following the track and field meet there will be an NWC all hands picnic on the grounds of the Chief Petty Officers' Club. There will be free food and drinks for all NWC military personnel and their dependents.



Robert M. Kundinger

Marks improved by entrants in mile run held by OTHC

Numerous personal records were set during the Over-the-Hill Track Club's annual one-mile Sunstroke Invitational run held last week at the Burroughs High School track.

Scotty Broyles reported that the gusty afternoon winds subsided in time for the first event with the new tall bleachers at the track casting welcome shade for spectators and runners on the home stretch.

Fifty runners, including 4 women, entered the race. Although the female participants were few in number they made up for this by their performance. Delores Kratz was clocked at 6 min., 25 sec. She competed in the group for those 10 years of age and under, and her time was the second fastest for women.

Jerry Mumford had a personal best effort of 6:23 — the fastest time by any of the women runners, while Diane Lucas had a 6:46. Both women were the lone entries in the 30 plus age group.

Lee Ann Keck set a personal best record of 7:01 in the 20-29 age group.

Other age group winners for men, and their times, were: 10 years of age and under age group, Jeff Swinford, 6:07; Bill Ledden III, 7:02; Robby Huey, 7:12; Craig Rindt, 7:38; and Mark Hoppus, 8:49; 11-14 age group, Marc Condos, 4:58; Andy Haaland, 5:32; Troy Frasier, 5:43; David Miles, 5:56; and Leo Allen, 6:21.

Others who competed, and their times, were, in the 15-19 age group, Mark Pohl, 4:55; and Ray Rohret, 5:25; and in the 20-29 age group, Paul Storey, 5:13; Bill Hammer, 5:31; and Tom Miller, 5:41.

Then in the 30-39 age group, best times were posted by Tom Rindt, 5:05; Mike Hartney, 5:13; Jack Clark, 5:28; Tom Marshall, 5:35; and Barrie Riddoch, 5:40. For the 40-49 age group, the leaders were Alex Shlanta, 5:34; Dave Rugg, 5:34.2; Ray Jacobson, 5:37; Mel Miles, 5:53; and Neil Krenzel, 6:01.

In the 50 plus age group, the top men were Doyle, 5:41; Dick Wisdom, 6:30; Paul Mikonis, 6:31; Bill Norris, 6:35; and Leo Brglowski, 6:37.

China Lake Soccer Club loses 2-1 to Edwards AFB team

The China Lake Soccer Club lost by a close score of 2-1 to Edwards Air Force Base in a High Desert Soccer League contest played last Sunday afternoon at Edwards.

This was the local team's fourth straight league loss, after starting the league season with a 5-4 win over the Tehachapi town team.

Hot weather, wind and a hard playing field combined for less-than-ideal conditions during a game that remained scoreless until midway through the first half.

At that point, a forward for the Edwards team managed to get to the ball a step ahead of Tom Veatch, the China Lake goalie, and was able to head it into the net behind the goal keeper.

Still in the first half, the China Lakers tied the score on a goal by Witt Wittingham, center forward. The scoring play was set up by a pass from Larry Trovinger, left wing and Wittingham booted the ball just inside the left goal post for the score.

In the second half, China Lake defenders were unable to stop a booming kick from a distance of 20 yards out by an Edwards player, and the ball went straight into the net for the game-winning tally.

Both teams had other scoring opportunities, but were unable to capitalize on them. The hot weather took its toll by forcing some exhausted players to leave the game.

Next league action for the China Lakers will be a home game at Davidade Field on Tuesday against the Tehachapi town team. Kick-off time will be 6:30 p.m.



DONATION FROM CHAPEL — Chaplains F. E. Whitaker (left), and Ron Madden (right) present checks from the Catholic and Protestant congregations totaling \$1,000 to Lt. Col. Ted Faller, co-chairman of the Navy Relief Society Fund drive at China Lake. The All Faith Chapel's large donation to Navy Relief put this year's campaign over the \$6,500 collected in last year's drive with a total of \$6,993.45 contributed as of last Monday.

Contributions to 1979 Navy Relief Society fund drive near \$7,000 mark

More than \$2,000 was donated to the Navy Relief Society Fund Drive at the Naval Weapons Center during the week ending last Monday. This increased the amount that has been collected to \$6,993.45, which is more than last year's total of \$6,500.

The latest tally included a \$1,000 contribution from the Catholic and Protestant Congregations of the All Faith Chapel, a \$50 donation from the Indian Wells Valley Council of the Navy League, and a \$100 check from NWC Federal Credit Union.

The balance of the \$2,090.50 was in the form of individual donations through ticket sales by the Ms. Navy Relief candidates.

As of Monday, 500 military contributors had given \$1,531.45, while 1,178 civilian contributors gave \$2,829. Another \$212 was realized from a Code 31 bake sale and Clancey's Claim Co., a restaurant in Ridgecrest, gave three dinners for two. The dinners will go to the runner-ups in the Ms. Navy Relief Contest.

Turn-ins from the various departments include the following: Code 00/01/02, \$83; Code 021, \$115; Code 03, \$162; Code 08, \$75; Code 09, \$42; Code 12, \$78; Code 21, \$276; Code 23, \$75.50; Code 24, \$53; Code 25, \$256; Code 26, \$290; Code 31, \$625.50; Code 32, \$61; Code 33, \$109.50; Code 35, \$82.50; Code 36,

\$265; Code 38, \$80.50; Code 39, \$136; Code 06, \$15; Code 61, \$441; Code 62, \$214; Code 64; \$70; Code 93, \$66; Code 94, \$161; Code 95, \$17.50; and VX-5, \$522.45.

The name of Ms. Navy Relief for 1979 was still unknown at press-time for THE ROCKETEER, since this was not disclosed until yesterday afternoon at the VX-5 vs. NWC officers' slow pitch softball game.

Lt. Col. Ted Faller, fund drive co-chairman, said that all seven girls remaining in the contest would receive a prize this year. The eighth girl, Nancy McCurley, was dropped from the contest when she was transferred from China Lake earlier this month.

The winner of the Ms. Navy Relief title will receive a \$200 U.S. Savings Bond, while the first runner-up will get a \$100 bond. The other girls will receive gift certificates.

The Ballet Arts Theatre, which held a benefit for Navy Relief last Saturday night, will formally make its contribution on Monday.

Dr. Kristin Berry honored for conservation work

Dr. Kristin Berry, the lead zoologist in the Riverside office of the Bureau of Land Management for the California Desert Program, was one of three conservationists from California who were singled out to receive the 1979 American Motors Conservation Award.

Presentation of the award took place on Wednesday during a banquet held in Washington, D.C.

The American Motors Conservation Awards have been presented annually since 1954 to professional and non-professional conservationists for outstanding contributions in the field of renewable natural resources. Winners (there were 17 this year from various parts of the U.S.) received bronze sculptured medallions and honorariums of \$500 each.

Dr. Berry, a 1960 graduate of Burroughs High School, grew up in the local area and very early learned to appreciate the Mojave Desert and its unique values. After high school, she earned a BS degree in biology at Stanford University, a master's degree in biology at UCLA, and her Ph.D. degree in zoology at the University of California in Berkeley.

A Ridgecrest resident, she is the wife of Dr. Robert Berry, an electronics engineer who is working on the Advanced Tactical Guidance System as an employee of the Avionics Division in the NWC Systems Development Department.

Her father, Dr. Ivar Highberg, retired from NWC four years ago after a 28-year

Thompson, McLean Awards presented . . .

(Continued from Page 1)

creativity among employees in furthering the mission of the Naval Weapons Center as evidenced by significant inventions. This award pays tribute to the late Dr. William B. McLean, Technical Director at NWC from 1954 to 1967, whose leadership, vision, and tremendous personal contribution to the mission of NWC, brought lasting recognition and distinguished reputation to China Lake. Dr. McLean died on Aug. 25, 1976.

This award consists of a certificate and a bronze medal showing the sculpted bust of Dr. McLean with the inscription, "In recognition of outstanding creativity that contributed to Naval Weaponry."

Nat'l Leader in His Field

George W. Burdette, a research chemist in the Ordnance Systems Department, was cited "for his extraordinary creativity and productivity in the development of propellants and fuels. His position of national leadership and influence in the fields of fuels and liquid propellants has resulted in significant contributions to major missile development programs, and brought much credit to the Naval Weapons Center as the recognized expert for missile liquid fuel."

Burdette came to China Lake in 1959 following his graduation from West Virginia Wesleyan College, with a BS degree in chemistry.

Pearson, head of the NWC Research Department's Detonation Physics Division, was recognized "for his outstanding accomplishments as an international expert in the fields of the behavior of metals under impulsive loads, explosive forming and working of metals, and explosive welding. His pioneering work in developing the shear control method of warhead fragmentation has led to his recent accomplishments in the application of detailed knowledge of physical processes related to ordnance problems."

At China Lake Since 1951

Pearson came to China Lake in 1951 as a mechanical engineer in the Research Department. He received a BS degree in mechanical engineering in 1949 and a master's degree in mechanical engineering in 1950 from Northwestern University in Evanston, Ill.

Van Buskirk, a mechanical engineer in the Weapons Department, was cited "for his exceptional creative ability and versatility as evidenced by his many

significant inventions in the areas of mechanics, RF, optics, and electronics. His inventions have resulted in patents on highly cost- and performance-effective items, thereby enhancing the technical reputation of the Naval Weapons Center."

Van Buskirk came to China Lake in 1952, following his graduation from the University of Missouri, School of Mines and Metallurgy, with a BS degree in mechanical engineering.

Dr. Ronald Henry . . .

(Continued from Page 1)

nitrogen compounds and energetic materials, Dr. Henry has made a number of important contributions to other fields of organic chemistry related to Navy problems.

Most notable of his recent work is the synthesis of a series of new, stable, high quantum yield dyes useful in dye laser applications. The result of this effort, experts in the field predict, could well be a new class of versatile, difficult to compromise or counter, target locators, identifiers or markers.

Dr. Henry's reputation and expertise in the chemistry of energetic materials, and extensive knowledge of propulsions led to his selection as a member of the Advanced Research Projects Agency's Principal Committee, and he was responsible for helping formulate the Department of Defense policies and programs in the synthesis of new energetic materials.

12 Inventions to His Credit

Over the years, Dr. Henry has been the inventor or co-inventor of at least 12 patents which, by and large, represent significant advances in the synthesis or utilization of energy-producing materials.

He is also the author or co-author of nearly 80 papers which have appeared in open literature scientific journals. Most of this large body of literature represents his contribution to knowledge about explosives, propellants and laser dyes.

On top of that, he has written or co-authored a vast number of Navy reports and documents and these publications, plus his other activities, have established him as an international authority in the science and ordnance applications of a large, diverse class of high nitrogen compounds.

Such materials have wide utility because of their energy, oxidation requirements, stability and compatibility with other energy-producing materials.

of Washington to live.

As part of her work as a zoologist for the BLM, Dr. Kristin Berry put together a massive study on several species of animals and birds that are native to the desert area of California (including tortoises), all of which are threatened by off-road vehicles, agriculture, gas and geothermal developments.

She has gained recognition as an innovator in the field of wildlife management, whose work is setting trends for other scientists, and is known as a fighter for positions she regards as in the public interest, despite pressures for compromise or demands of special interest groups.

Dr. Berry is called the protector of the desert tortoise, and with good reason. Since the early 1970s, when she conducted a study for the State Department of Transportation on relocation of tortoises from a proposed freeway corridor, she has conducted a relentless campaign to gain protection for the species. It led to creation by the BLM of Desert Tortoise Preserve, which Dr. Berry has fought to have enlarged and properly managed.

In 1974, just before joining the BLM, she formed the Desert Tortoise Preserve Committee, a citizen group that has actively raised funds for land acquisition. She also helped establish the Desert Tortoise Council and serves as program chairman. The group focuses on threats to the tortoise in a four-state area.



Dr. Kristin Berry



TIME FOR REMINISCING — Capt. Alfred S. McLaren, who was here last week for a meeting of Commanders and Technical Directors of Navy Laboratories, had a brief time to renew acquaintances with a few other members of the Burroughs High School Class of 1950. Seated around the table are (l.-r.) Donald Lane, Don Zurn, Capt. McLaren, Barbara Biddlingmeier, and Eugene Breitenstein.

Mini-reunion held by 5 members of Burroughs High Class of '50

A mini-reunion for five members of the Burroughs High School Class of 1950 took place here last week during the meeting of Commanders and Technical Directors of Navy Laboratories.

Primary reason for the informal get-together in the lobby of Michelson Laboratory was the presence of Capt. Alfred S. McLaren, Commanding Officer of the Naval Underwater Systems Center at Newport, R.I.

Capt. McLaren, who heads the Navy's principal research, development, test and evaluation center for submarine warfare and submarine weapon systems, was joined by four other members of the BHS Class of 1950. Those present were Barbara Biddlingmeier, Eugene Breitenstein, Donald Lane and Don Zurn.

Mrs. Biddlingmeier is employed as a special communications technician in the Special Security Office of the Weapons Planning Group, and Zurn is a physical science technician in the NWC Research Department's Aerothermochemistry Division.

Until this past March 1, Breitenstein was an NWC employee, but he is now a contractor here and holds down the position of vice-president of Datec, Inc., a firm headquartered in Fort Walton Beach, Fla. Datec, Inc., is involved in program and weapons systems analysis work.

Lane, a construction electrician, is the local area foreman for the Triangle Electric Co. of Lancaster.

This was the first return to China Lake in 29 years for Capt. McLaren, whose father, Capt. William McLaren, headed the former Command Administration Department when NWC was known as the U.S. Naval Ordnance Test Station.

His father, the younger McLaren recalled, still remembers this as his favorite duty station, the Navy officer who now commands the Naval Underwater Systems Center, said.

The men seated around a table in the lobby of Michelson Laboratory joined Capt. McLaren in humorously recalling the Burros' football drills on the rocky ground that passed for a practice field in the early days of NOTS, and the distinguished visitor's principal other recollection was the lack of greenery and the marked change between those days and the present time.

Thrift Shop closes doors last two weeks in June

The Thrift Shop, operated by the Women's Auxiliary of the Commissioned Officers' Mess (WACOM), will be closed during the last two weeks in June.

Located on Lauritsen Rd., near King St., the Thrift Shop's regular hours of operation are Tuesdays from 7 to 9 p.m. and Thursdays from 9 to 11 a.m.

The Thrift Shop will reopen on Tuesday, July 3, from 7 to 9 p.m.

Painting contractor agrees to repair spray damaged vehicles

During the week of April 30, 1979, painting operations at Schoeffel Field by a contractor resulted in overspray damage to many vehicles.

The following notice has been received from the Taylor System, the agent for the contractor's insurance company, relative to the settlement of individual damage claims.

"An inspection has been made of a representative sampling of vehicles affected by paint overspray from painting the baseball field light poles, with a report to the residents of China Lake as follows:

"It is anticipated that no vehicle will require repainting. The paint overspray can be removed safely by the Taylor System, a nationally known auto polishing company with 30 years experience in removing overspray from cars, trucks and airplanes.

"Beginning June 18, the Taylor System will place a crew in China Lake for several weeks to repair all vehicles by hand polishing, accepting repairs in order based on the first number of the vehicle license plate as follows:

Work Schedule

Week of June 18 through 22, Nos. 0, 1 and 2; June 25 through 29, Nos. 3, 4 and 5; July 2 through 6, Nos. 6, 7 and 8; and July 9 through 13, No. 9 and all special plates.

"Each vehicle will have overspray removed safely from paint, glass and chrome by experts who do nothing else all over the U.S. and Canada. When each vehicle is completed, its polished condition will be such that it cannot be taken to another repairer and improved.

"The opinions of the other repairers will not be considered.

"When the Taylor System does not recommend polishing for whatever reason, its alternate recommendation will be offered to the vehicle owner.

"Any vehicle owner who rejects the polishing repair or the Taylor System's alternate recommendation may go to his own insurance company for settlement of

Special ballet classes for adults begin June 25

The Ballet Arts Theatre's special summer session for adults, with enrollment fees being donated to the Maturango Museum's building fund, is scheduled to begin the last week of June.

Bette Jacks, director of the Ballet Arts Theatre, said that during the past three years these classes have provided the museum with \$1,000.

The fee for the six-week session is \$25. Checks are to be made payable to the Maturango Museum.

Registration will be held Monday through Thursday, June 18 through 21, from 4 to 6 p.m. at 303 Blue Ridge Rd., China Lake.

Lecturer to describe travels of Voyager spacecraft

Two lectures about space phenomena and interplanetary travel will be presented here on Tuesday by Dr. Charles H. Stembridge, deputy director of science for the Voyager spacecraft interplanetary missions to Jupiter and Saturn.

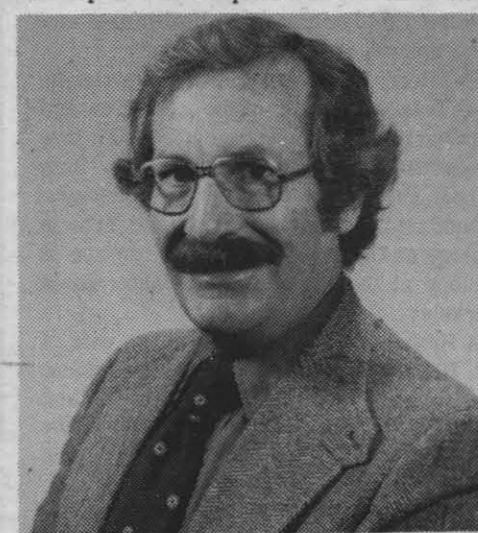
Dr. Stembridge, of the Jet Propulsion Laboratory in Pasadena, will give the first of his lectures at 1 p.m. Tuesday in Room 1000-D of Michelson Laboratory. This will be a technical presentation entitled "The Great Red Spot, or a Descent Into the Maelstrom."

Dr. Stembridge will begin his afternoon presentation with a review of observations of the Great Red Spot over the past 300 years. He will then discuss theories as to why the Great Red Spot exists and why it has persisted so long. In addition, he will show Voyager time-lapse movies of the dynamics of the Great Red Spot and will conclude with current thinking about this most remarkable phenomenon.

On Tuesday evening, Dr. Stembridge will present a popular lecture entitled "The Voyager 1 Encounter with the Giant Planet Jupiter." The lecture, which is open to the

public free of charge, will begin at 7:30 in the Burroughs High School lecture center.

The evening lecture is sponsored by the Alexander F. Morrison Foundation and the China Lake Astronomical Society. The foundation funds are administered by the Astronomical Society of the Pacific in order to help make it possible for amateur



Dr. Charles H. Stembridge

his claim. (Vehicle owners who choose to use their own insurance companies are cautioned to inquire about any deductible or any increase in insurance premium that may result.)

"It is the assignment of the Taylor System to see that each vehicle owner receives his full ENTITLEMENT but no more. Therefore, each vehicle owner may assume he/she will receive fair treatment from the Taylor System."

Inspection and repair will be conducted beginning at 8 a.m. each day in Building No. 01188, located in the rear of the Public Works Department Transportation Compound. Individuals should enter the Public Works Department transportation compound at the intersection of Bullard Rd. and Byrnes St., and proceed south through the compound approximately 300 yards. Building 01088 is to the west at the rear of the compound. Signs will be posted directing traffic.

The Naval Weapons Center Staff Judge Advocate indicates that car owners are not required to accept the above conditions if they feel it does not reasonably compensate for their damages. Individuals are cautioned, however, that they are only entitled to have their cars placed in as good condition as before the incident. Only an unusual case might qualify for repainting.

GEBA, CLMAS opens membership to other local groups

The Government Employees (death) Benefit Association (GEBA) and the China Lake Mutual Aid Society (CLMAS) recently voted 99 per cent in favor of opening up their membership to persons who are in one of the following groups:

Spouses of current employees of the Naval Weapons Center, employees of the NWC Federal Credit Union, U.S. Postal Service employees in Ridgecrest, Navy Exchange and Special Services civilian employees, and employees of the Sierra Sands Unified School District.

Upon a member's death, each association — GEBA and CLMAS — immediately pays \$750 (\$1,500 total) to the survivors of the deceased to help meet immediate needs of the family, including funeral expenses.

There is a one-time membership fee of \$5 per person to join both associations. Assessments which fall due when a member dies are \$1.80.

For additional information, or to make arrangements to obtain membership applications, interested persons can contact Larry Mason after working hours by calling 446-4794.

astronomy groups to bring in professional speakers.

Dr. Stembridge's talk will include first a brief description of the Voyager spacecraft, the mission objectives, and the 11 science investigations that have been conducted.

He will then present time-lapse films showing motion of the colorful Jovian atmosphere, and finally, slides of close-up images of the four Galilean satellites, including some images which show evidence of active volcanoes on the satellite Io.

On March 5, 1979, after 18 months of flight, Voyager 1 passed by the planet Jupiter at a distance of 174,000 miles above its cloud tops. Voyager 1 is now headed for an encounter with the planet Saturn on Nov. 12, 1980.

The Voyager project is managed by the Jet Propulsion Laboratory for the National Aeronautics and Space Administration.

Dr. Stembridge received his Ph.D. degree in physical chemistry from Texas Tech, and has been at JPL for 21 years. He worked on the development of the gas chromatograph mass spectrometer for the Viking landers on Mars.



REPORTS ON WASHINGTON SCENE — Bun Bray (at right), national executive director of the Federal Managers' Association, provided China Lakers with pertinent information on legislative matters which effect Civil Service employees during a talk presented here last week. Bray, who was introduced by Dennis Rowell (center), president of FMA Chapter 28 of China Lake, was accompanied here by Bill Hamilton, FMA's national first vice president (at left).

Legislative matters affecting Civil Service outlined

An update on matters of vital interest to Civil Service employees, based on his familiarity with the Washington scene as a result of many years of experience in dealing with government officials and federal legislators, was provided here last week by Bun Bray, national executive director of the Federal Managers' Association (FMA).

The occasion for the talk by Bray was a well-attended meeting of FMA Chapter No. 28 of China Lake, which was held at the Enlisted Mess.

While painting a grim picture of the current trend in legislative affairs and proposed changes that (unless modified) will adversely affect Civil Service employees, Bray emphasized that there is still no reason to feel the situation is hopeless.

He urged that the representatives of employee organizations, and individual employees as well, make their views known to Congressman and Senators on such subjects as how the Civil Service Reform Act is to be implemented, the proposed Universal Retirement System (merger of the Civil Service Retirement System and Social Security), and the Office of Budget and Management's Circular A-76, which calls for a review of commercial or industrial type functions performed by government employees to determine if the potential exists for them to be contracted out to the private sector.

His visit here, Bray said, has followed a week spent in talking with high-level representatives of 15 different federal agencies. As a result, it was his candid opinion that "there is no one who works in the federal government who doesn't have a more dismal future today than was true three years ago."

Stand Up and Be Counted
This, he emphasized, is all the more reason for individuals to stand up and be counted when it comes to letting the federal lawmakers know how they feel about what was billed as a talk on "The Changing Washington Scene and FMA's Role."

It's too early to evaluate how the Civil Service Reform Act will work, Bray stated. This is especially true of that part of the act dealing with merit pay for GS 13s, 14s and 15s. Right now, he advised, every federal agency and department is working on the criteria to be used in judging the performance of such employees.

Bray strongly counseled against any Civil Service employee making a move now on the matter of retirement because of any possibility that there may be a change in the Civil Service retirement system, which he referred to as a "model system."

He's very much against what he termed "erosion of the Civil Service retirement system by putting it under Social Security," but felt confident enough on the matter to predict that, because of options that are being developed, "whatever program is adopted, Civil Service employees will be no worse off than at present" in the area of retirement and pension.

Committee Opposed to Merger
A committee in Congress that has been working on this matter will not propose a merger of the Civil Service retirement plan and Social Security, and any plan that is proposed will never touch those who are already retired, Bray informed his listeners.

Proposed changes in Civil Service pay, based partially on a comparability with wages paid for similar work in the same area by private businesses and industry, were mentioned by Bray as an area in which there is cause for concern. The President, he said, has the power to make major changes based on the principal of total compensation, which takes in not only hourly or per annum pay, but also annual and sick leave benefits, as well as retirement.

Timely tips on energy conservation measures provided by Edison Co.

With the cost of energy continuing to skyrocket, all Centerites are urged to put into practice the following energy-saving measures suggested by the Southern California Edison Co.:

Air Cooling Systems

DO keep temperatures between 78 and 80 degrees Fahrenheit in all government buildings during the cooling season.

DO remove obstructions from air vents to maximize air flow through the conditioned space.

DO shade window areas from direct sunlight during the cooling season.

DO turn air conditioning thermostats up or off at night or on weekends in spaces and buildings unoccupied during those periods where found to be practical and economical.

DO raise thermostats during the cooling season; each degree the thermostat is raised saves 3.5 percent in cooling costs.

Space Conditioning (General)
DO lock thermostats to prevent arbitrary changing of temperature control.

DO keep windows and doors closed while cooling and heating areas.

DO draw drapes to avoid heat transfer through window glass, except when direct sunlight is coming through the window on winter days.

DO shut off electrical power and lower

thermostats to 55 degrees Fahrenheit or lowest setting during periods when building is unoccupied during heating season.

Lighting

DO turn off lights in unused areas.
DO reduce lighting levels to the 50/30/10 foot-candle requirement in federal buildings.

DO paint darker areas with higher reflective paints.

DO use less lights, since lighting contributes a significant heat load; turning off lights not only cuts the lighting load but the air conditioning load as well.

Plant Equipment

DO turn off unequipped equipment.

DO turn on equipment only when required to support task assignment.

DO stage switching on electrical equipment to avoid surging and peaking charges.

DO turn off internal combustion engines when not needed for more than 5 minutes.

Transportation Div.

sets new procedures for vehicle repairs

In order to provide better and more reliable service to its customers, the Transportation Division of the NWC Public Works Department (Code 267) has introduced some changes in procedures.

When turning vehicles in for repairs, Code 267 requests that operators of equipment being turned in to the shop contact the appropriate inspector. The inspector, together with the operator, will analyze the problem and develop the solution.

Perhaps the inspector can make an on the spot adjustment or repair; if not he will make out the trouble card and have the operator park the vehicle and take the key and trouble card to the maintenance clerk.

The inspector is instructed to respond to the operator's needs as quickly as possible.

Another change now in effect occurs when picking up the vehicle after repairs have been made. The keys for all vehicles will be available in the "C" Pool dispatch office. This office is located at the northeast end of Bldg. 984 in the Public Works compound.

Promotional Opportunities...

(Continued from Page 2)

Knowledge of solid propellant systems; ability to communicate clearly both orally and in writing; ability to conduct comprehensive research programs; knowledge of materials used in solid fuel propellants.

File applications for the above with Pat Gaunt, Bldg. 24, Rm. 212, Ph. 2514.

Supervisory Electronics Technician, GS-854-12, PD No. 783562, Code 355 — This position is that of head, Sea Site Section, Land Threat Evaluation/Development Branch, Countermeasures Division, Electronic Warfare Department. Incident has responsibility for planning, coordination and execution of all operations, maintenance and administrative functions of the site radars. Job Relevant Criteria: Comprehensive knowledge in complex foreign threat radar simulators and replicas; ability to troubleshoot these systems; knowledge of methods and techniques in the use of ECM and ECCM to threat systems; ability to deal effectively with all levels of personnel; ability to supervise.

Electronics Engineer, GS-855-9/11/12, PD No. 7925061, Code 353 — (2 vacancies) This position is located in the Land Threat Evaluation/Development Branch, Countermeasures Division, Electronic Warfare Department. Incident analyzes and designs radar circuitry required to integrate major sub-systems into functioning radar-directed weapons systems. The engineer also develops operational and diagnostic software and integrates software simulation of the associated weapons to complete the weapon integration. Incident devices and evaluates tests of the systems. Job Relevant Criteria: Knowledge of radar, microwave and servo-mechanism systems; knowledge of digital and analog circuitry techniques and computer systems; ability to design, develop and evaluate simulators; ability to communicate effectively both orally and in writing; ability to deal effectively with personnel at all levels.

File applications for the above with Terry George, Bldg. 24, Rm. 208, Ph. 3118.

Electronics Engineer, GS-855-12, PD No. 7934098E, Code 26204 — This position is Production Support Coordinator for the Target Acquisition System (TAS) in the Product Design Division of the Engineering Department. TAS is a surface ship radar system that both automatically and manually searches, detects, acquires, tracks, evaluates, and designates targets consisting of air vehicles and surface ships. The purpose of the position is to provide production support to the Technical Direction Agent (TDA), Code 3908, on the Target Acquisition System (TAS) program and, in addition, provide support in the areas of program planning, checkout, and program reviews. Job Relevant Criteria: Knowledge of missile systems development, evaluation, production, and program management procedures; ability to coordinate the efforts of technical specialists contributing to a weapon system production effort; ability to communicate effectively both orally and in writing.

General Engineer, GS-801-12, PD No. 7736039-4E, Code 3487 — Applications will be accepted from both current Navy employees and status eligibles. Position is located in the System Safety Branch, Product Assurance Division, Engineering Department. Incident provides system safety engineering support on Imaging IR and Laser programs. Incident formulates system safety management procedures and schedules which are acceptable to the program manager for the identification and resolution of potential hazards. Selects and performs detailed, systematic hazard analyses, and directs others in the performance of such activities. Incident establishes and conducts periodic System Safety Working Group Meetings, acquiring the support of both government and contractor program and design personnel in their performance. Reviews specifications and technical manuals for inclusion of appropriate system safety design and test requirements, as well as reviews accident/incident data on similar weapon systems for related potential hazards. Job Relevant Criteria: Knowledge of system safety design and performance requirements; knowledge system safety program requirements acquired during system design, program management, or related experience or as a result of relevant training; skill in making effective presentations; skill in dealing with all levels of management. Incident must be willing to travel approximately 10% of work schedule.

File applications for the above with Marge Stanton, Bldg. 24, Rm. 206, Ph. 2925.

Electronics Technician, GS-854-9/11, PD No. 7437058, Code 6241 — This position is located in the Telemetry Systems Branch, Telemetry Division, Range Department. The incumbent will be responsible for the assembly, test and installation of telemetry systems into test vehicles. The incumbent will conduct acceptance and field evaluation tests on various types of telemetry systems. The incumbent will assist in the design and assembly of telemetry systems for "one-of-a-kind" or special programs where data must be measured and transmitted from a distant location. Job Relevant Criteria: Knowledge of telemetry and instrumentation systems; knowledge of microwave concepts and principles; ability to perform work in electronic systems operation, test and maintenance; ability to communicate effectively both orally and in writing.

File applications for the above with Jan Nieberlein, Bldg. 24, Rm. 206, Ph. 2577.