

Science Fair Displays Year-Long Pupil Study

What are the schools doing in science? Parents, friends and others interested are invited to see, for themselves, exhibits and displays produced by the China Lake Elementary and Burroughs High School youngsters at the Fourth Annual Science and Math Fair, to be held tomorrow on the Burroughs campus from 10 a.m. until 9 p.m., declared John Trent, chairman.

Displays and exhibits in elementary science, photography, biology, physics, mathematics and home economics will be arranged according to school, using an identifying color theme. Exhibits prepared by children in kindergarten through sixth grade will be displayed in the Burroughs Cafeteria; Junior and Senior high school exhibits will be set up in the science and math wing of the High School. Commercial exhibits, private exhibits, models and books dealing with all phases of science and math will be on view in the high school library. Student lectures will be given throughout the day.

The Audio-Visual Department in the Bakersfield Office of County Schools and the California Interstate Telephone Company have provided films and models. There will be several commercial displays by companies in the east Kern County area and by local organizations.

The Science Fair is a product of the entire school year. Elementary exhibits are class work directed by the teachers on such subjects as plants, fish, stars, weather, climate, the earth's surface, trees, energy and development of chicks. Junior and Senior High School projects will be the work of individuals or of small, informal groups of students.

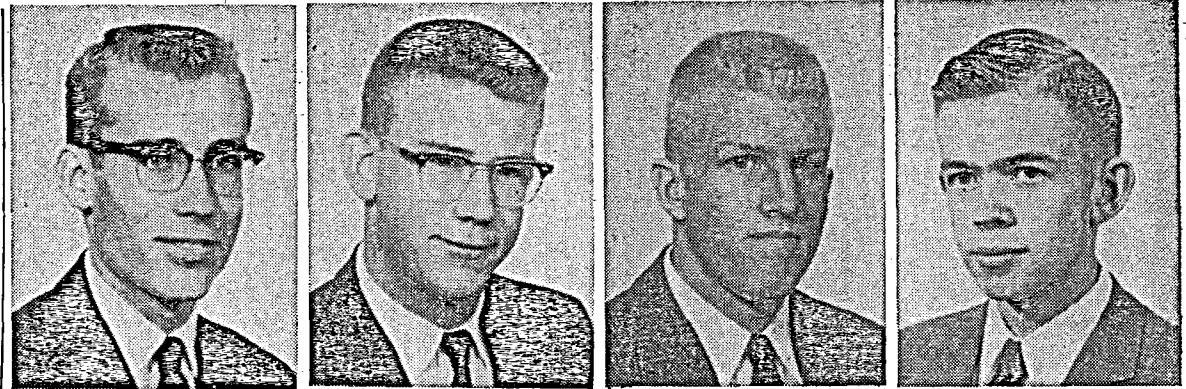
All exhibits must demonstrate a mathematical or scientific principle in a way clearly understandable to those who view the display. Exhibits will consist of demonstrations, experiments, working models or

charts, diagrams or collections with scientific objectives.

Display Judges Kenneth Robinson and Dr. Earl Murray will present awards to the students with outstanding exhibits at 2:30 p.m. Judging exhibits and displays at the Fair will be: Dr. Ernest Bauer, physics; Dr. L. E. Ward and Dr. Margaret Maxfield, mathematics; J. G. Moore and J. T. Leininger, photography; Dr. Karl Heller, Darwin Tieman and Mrs. C. D. Lind, biology; Dr. Alvin Gordon, Dr. Martin Kauffman and Elmo Julian, chemistry. Cash prizes will be awarded high school winners and certificates will be given to the Elementary and Junior High winners. The cash awards are being provided by local clubs, organizations and interested individuals. Elementary certificates are being provided by the Kern County Schools.

Assisting Trent in plans for the annual Science Fair were John Condos, Frances Dickinson, Lena Waddock, Robin Fincher, Harold Pierce, Richard Erbe and Irma Barker.

Some of the projects to be displayed include: from the elementary schools—space travel, the study of lumber and underwater activities. Members of the Junior High Science Club have prepared displays in chemistry, antibiotic molds contained in local soil, techniques of radio control of aircraft, and hydroponics. A club project will also be exhibited.



Donald Davis Alan Robinson Robert Roseth Wayne Smith

Science Minded Teen-agers Supplement Text Study With On-the-Job Application

Unique in application, objective and procedure is the Work-Experience Program according to twelve selected Burroughs High School students the opportunity to utilize classroom theory through an on-the-job study-work contact with Station scientists and with Station equipment in Michelson Lab.

Well into its fourth season of operation, the Work-Experience Program was formulated in its present stage last year by J. A. Donnan, Burroughs chemistry instructor and Science Club Advisor, and A. E. Ellings and R. D. Weaver, members of the Research Society of America, Dr. C. E. Weinland of the Weapon Planning Group, and members



Diane Renne

of the Station training program.

Selection of the students chosen to undertake specialized study during the last half of the school year was made early this semester by Kenneth W. Westcott and John Trent, High School principal and instructor, respectively, and by Donnan based on academic standing, interest and goals displayed by the candidates. Clearance and badges were secured through Richard Felton, Station Education Director.

Through Dr. Ivar Highberg, Head, Test Department, and Dr. Ray Merrow, Chemistry Division of Research Department and RESA representatives, sponsors for the students were obtained. These sponsors, through close contact with the student and his work, provide guidance in meeting the objectives of the program which does not necessarily benefit the Station, but rather, offers practical application of scientific and mathematical theory.

Working for two hours each day after school the students were initially given a thorough introduction to the facilities of the Technical Library through a specific research application. Most of them are now beginning work on their continuous project, which will extend through the remainder of the school year.

At the end of this semester, each student will submit a written report of his activities under the Work-Experience Program.

Student Scientists Eleven of the science students are seniors; one is a junior. Those included in the program, their sponsors and projects are: Richard A. Clodfelter, sponsored by David Newman, Head, Metallurgy Section, Quality Engineering Division, Engineering Department, is working

on a project centered on the spectrograph and possibly, later, a problem in metallurgy; David Connelly, sponsored by F. H. Davis, Research Department Consultant, studying electronic theory and allied construction of equipment; and Donald Davis, sponsored by Donald W. Moore, Chemistry Division, Research Department, working on liquid chromatography which is a process of selective adsorption of colored materials by an adsorbent, used in this instance to separate the colored constituents of tomato paste and of grass. Some X-ray diffraction experimentation is planned. Davis was one of the ten Burroughs students who participated in the Work-Experience program last year, accomplishing materials evaluation under Robert Weinhardt of the Materials Division of the Engineering Department.

Ronald Gasser, the only junior in this year's program, is sponsored by Edward Price, Head, Fluid Dynamics, Physics Division of Research Department, is working on a rocket combustion instability apparatus; Diane Renne, one of the two girls included in the science study plan, is sponsored by William P. Norris,



John Vandaveer

Organic Chemistry Branch of the Chemistry Division, Research Department. She has learned the use of technical abstracts through study in the Technical Library and is doing basic experimentation, including determination of melting points of organic compounds. Her continuous project may possibly be the synthesis of an anti-vitamin. Carolyn Ridpath, sponsored by Gerald Whitnack, General Research Branch, Chemistry Division of Research, has also been working in the Technical Library. Her project is likely to be the analysis of sea water by electrochemical methods.

Sponsored by Dr. Rene Engel, Head, Oceanic Research, Research Department, Alan H. Robinson is undertaking a literature search for general information concerning the physical and chemical properties of sea water. He is also working, in his spare time, with Don Moore of the Research Department, on ex-

periments in liquid chromatography. Robert Roseth is sponsored by Charles Drew, Combustion Branch, Chemistry Division, Research Department, and at present is conducting an exchange reaction between cyclopentane and heavy water. Tests will be made on the mass spectrometer for purity with the end result to be used as a tracer in other reactions. Future plans point to work on vapor phase chromatography. David Skaar, sponsored by Robert Herman, Head, Data Automation Branch, Assessment Division, Test Department, is experimenting in information theory and developing a computer to control its own information source through advanced electronic circuitry.

Fred Ashbrook, Head, Instrument Development Division, Test Department, is sponsoring Wayne Smith who is working on advanced third-dimensional trigonometrical calculations used to measure missile projectiles and to be used for missile tracking cameras; John Vandaveer is determining the size and number of atmospheric nuclei. Collection will be made by filtering; the particles are then identified by chemical and visual means and measured for size and distribution. He is sponsored by Edward Ashburn, Atmospheric Physics Branch, Physics Division, Research Department.

Bruce G. Warr, sponsored by William McBride, Inorganic Chemistry Branch, Chemistry Division, Research, is dating organic material through the radiochemical "carbon fourteen" process. This is a new field at the Lab and instruments utilized by Warr are being used for the first time.



Carolyn Ridpath

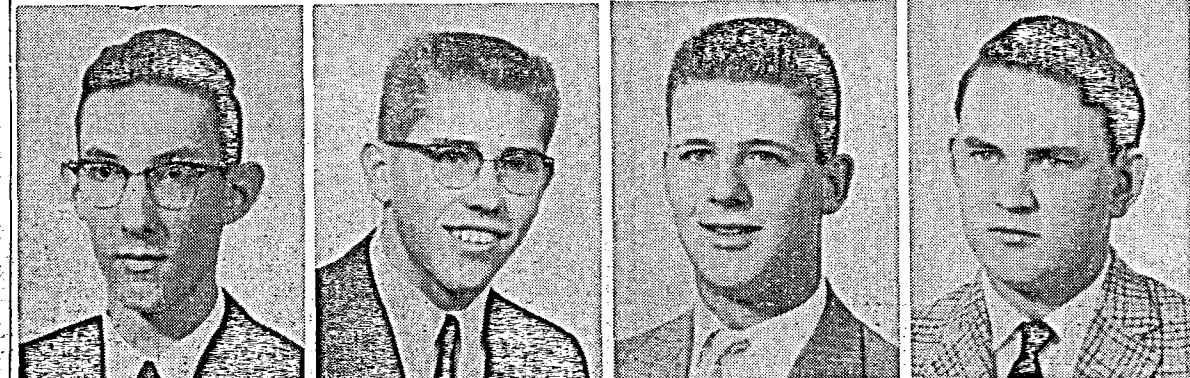
RAFT Club News

Theatrical speaking, "The Constellations," the combo from Edwards Air Force Base, played to a packed house at the RAFT Club, last Saturday evening, February 21. Guests for the occasion were 19 beautiful Los Angeles girls, invited by Don Hoggan, Teen-Center Director.

This next Saturday evening, February 28, will be "Birthday Party" Night with record dancing until 11 p.m. All members who have a birthday during the month of February, be sure to let us know, so that we may wish you "Happy Birthday."

RAFT Club Hours

September through May Monday through Friday—Open 4 to 10 p.m. Saturdays—Open 4 to 11:30 p.m. Summer Schedule June, July, and August Monday through Friday—Open 2 to 10 p.m. Saturdays—Open 2 to 11:30 p.m. Yearly membership cards may be purchased for \$1.80 which averages out to a cost of only 15 cents per month.



Bruce Warr David Skaar Richard Clodfelter David Connelly Student Photos by Ladye Arthur

R. Clodfelter Named Alternate Appointee

Richard A. Clodfelter, Burroughs senior, is one of ten boys in Kern, Kings and Tulare Counties to be named as an alternate for attendance at the Air Force Academy for the term beginning July by Congressman Harlan Hagen. If the principal appointee, Michael Ferguson, Edwards, California, does not gain admission to the Academy in the entrance examination, the ten alternates will compete for the appointment.

Near East Desert Film

All Station residents are invited to attend the showing of "The Negev Desert" at the new wing of the All-Faith Chapel tonight, following Hebrew services at 7:30 p.m. The film depicts Dr. Nelson Glueck's successful archaeological study made of the 4,000-square-mile desert which extends south between Egypt, and Jordan to the Gulf of Aqaba. It is a land figuring largely in the centuries old history of the Near East and in the Scriptures and religious traditions of three of the world's major faiths—Christianity, Judaism and Mohammedanism. Refreshments will be served after the movie.

Everyone Invited to DESERT AREA HIGH SCHOOL MUSIC FESTIVAL Tonight 8:30 p.m. Station Theatre

ROCKETEER

TEMPERATURES
Min-Max.
Feb. 19 37-41
Feb. 20 40-60
Feb. 21 38-48
Feb. 22 32-58
Feb. 23 30-59
Feb. 24 30-61
Feb. 25 35-64

Budd Gott, Editor Phones 71354, 72082, 71655 Office, Housing Bldg., Top Deck Vol. XV, No. 8 U. S. Naval Ordnance Test Station, China Lake, California Friday, February 27, 1959

Dr. Wilcox Named to Vital Defense Post

Accepts Position as Deputy Director Of Defense Research and Engineering

Dr. Howard A. Wilcox, Assistant Technical Director for Research and Head of Research Department, has been selected to serve as Deputy Director, Defense Research and Engineering, Office of the Secretary of Defense in Washington, D.C., it was announced this week by Dr. Herbert F. York, Director of Defense Research and Engineering. Dr. Wilcox will be taking leave of absence from the Station when he assumes his new Washington, D.C., post on March 3.

Noted Scientist Ends Technical Lecture Series

Dr. Herbert S. Green, a distinguished British Commonwealth scientist, and Professor of Mathematical Physics at the University of Adelaide, Australia, has been conducting a series of lectures at NOTS for three months.

His lectures involved advanced theories of fluids, electromagnetism, magnetohydrodynamics, relativistic quantum mechanics, and superfluidity. Prof. Green has made important contributions of his own to each of these fields in his many publications in international scientific journals. In addition, he is a skillful expositor and has written several books and monographs on the theory of fluids. The latest of these appear in the monumental 54 volumes of Encyclopedia of Physics now being published in Germany.

Professor Green came to the Naval Ordnance Test Station after a year's stay at the Institute for Advanced Studies in Dublin, Ireland, where he temporarily replaced the world-famous Professor Erwin Schrodinger, founder of the modern "wave mechanics." The renowned "Schrodinger Equation" is one of the cornerstones of modern physics, comparable to Einstein's celebrated energy-mass relation, E = mc².

Green visited the United States once before, in 1949-50, when he was a member of the Institute for Advanced Study in Princeton. It was during that period that he met Dr. R. B. Leipunik, now a mathematical consultant at the Station, who made the arrangements for his present visit here.

This is the first visit to the U.S. for Dr. Green's family. His wife



Dr. H. S. Green

Marlies, a native of Europe, has been surprised and pleased at many features of American life which she had misunderstood before. The children have attended the China Lake schools, even though winter here is vacation, or summer time in Australia. They have enjoyed their school experiences here perhaps because children are worked harder in Australian and British schools than in American schools.

Prof. Green feels that the informality and emphasis on current affairs and general information in the local schools is better suited to the needs of the average and below-average student than is the educational practice of the Commonwealth, but that the above-average student is poorly served here. However, he has been surprised by the widespread popular interest in science, and the important administrative posts entrusted to scientists in the United States.

His lecture series made a significant contribution to the technical program of the Station and the U.S. scientific effort. This is an outstanding example of the beneficial and needed cooperation between the peoples and countries of the Free World.

Celebrated Artist To Lecture Sunday

The Desert Art League will sponsor an informal lecture and demonstration of portrait painting in oils by Jae Carmichael, next Sunday from 3-5 p.m. in the Anchorage. Some of Miss Carmichael's paintings will also be on display.

California-born Jae Carmichael works in both oils and watercolors and her subjects range from portraits to still life, from marines to landscapes.

She attended Mills College before graduating from the University of California. After receiving her master's degree from Claremont Graduate College, she went to Europe to paint. She is an instructor at the Junior Museum of the Pasadena Art Museum, the Pasadena School of Fine Arts, and the Laguna Beach Art Gallery.

Her awards include the Grand Prix de Paris in 1958, first prize for water color at the Laguna Beach Art Festival in 1957, the best California landscape at the Women Painters of the West Annual in 1956, and others. Her name is listed in Who's Who in American Art (1956-57).

The high caliber of her work, the fresh, direct and vigorous approach of her art place her among the most promising young artists of today. The meeting is open to the public and there is no admission charge.

Deadline Nears for Art Festival Entries

Art exhibits by amateur and professional artists in both youth and adult categories are invited to be entered in the 11th Kern County Art Festival to be held in the Community Center March 14 and 15.

Applications must be mailed to the Kern County Parks and Recreation Department, 1680 K Street, Bakersfield, by March 1.

These and the rules and conditions governing eligibility may be obtained from the local chairmen or the Station and Ridgecrest libraries. Applicants are limited to two entries.

All pictures submitted must be originals and must be framed or matted ready for hanging. Persons who have earned a total of \$500 from art works are considered to be in the professional category.

Film Society Offers Italian Film Next Week

The next showing of the China Lake Film Society will be "La Strada" next Monday and Tuesday, March 2 and 3, at the Community Center. Both showings will begin at 8 p.m.

This is an Italian film of 1954 vintage, starring Anthony Quinn, Giulietta Masina and Richard Basehart. Federico Fellini tells the story of a simple-minded waif, a brutish strong man and a philosophical "fool" all traveling Italy's highways. Dialogue is in English. The film is a winner of many awards, among them the 1956 Academy Award for Best Foreign Film.

Election of officers for the next season will be held before the films are shown.



Dr. Howard A. Wilcox

Desert Area Schools Present Music Festival Tonight

High school students from schools at Edwards, Mojave, Fandenburg, Tehachapi, Trona and China Lake will present the combined Desert Area High School Music Festival tonight at 8:30 p.m. at the Station Theatre.

Under the direction of guest conductor John E. Green, director of the Trojan Marching Band, University of Southern California, the Festival Band will present "Proud Heritage" by Latham, "Folk Song Suite" by R. Vaughn Williams, "March to the Gallows" by Berlioz, an arrangement of "Nobody Knows the Trouble I've Seen," selections from "Damn Yankees," and "Barnum and Bailey's Favorite" by King. The Festival Band will be composed of members from each school.

David Thorsen, Director of Choral Music at Pasadena City College, will direct the Festival Chorus in their presentation of "Sine Nomini" by Ralph Vaughn Williams, "Views in the Night" by Ralph E. Williams, "Wondrous Cool, Thou Woodland Quiet" by Brahms, "Jesu, Priceless Treasure" by Bach, "Sing Me a Song" by Vecchi, "See Me Cross the Water" and "Gimme That Old Time Religion."

Enrollments Needed for Parent-Child Care Class To be Given by Red Cross

A new Parent and Child Care Class, sponsored by the local Red Cross and Adult Education department, is now being organized. Twenty enrollments are needed before the class can convene.

Expectant mothers and fathers, as well as other interested adults responsible for the care of new mothers and babies are urged to enroll. Class material will cover pre-natal care, birth, care of new mother and baby, baby's first year and the admission of the child into the family group. Students will receive certificates and pins upon completion of the course. Ruth Stone, RN, will instruct the course.

To enroll, contact Jane LaRosa, P. O. Box 618, China Lake, Ext. 724481.

Little League

All officers and managers are urged to attend next Monday's meeting of the China Lake Little League, at 7:30 p.m. in the Safety Building.

Newcomer—

Family Service Agency Hires New Director

Joseph Kane, a full-time psychiatric social worker, has arrived at China Lake to serve as director of the Desert Area Family Service Agency.

Kane is the first full-time worker to be employed by the Family Service Agency. Other workers in the past served on a part-time basis.

The Agency provides professional consultation service to people who need help with their personal or family problems. Interviews are private and confidential.

For the past four years Kane has been employed as the chief social worker in the Veterans Administration office at San Bernardino, and before that worked in the Veteran's Administration in Los Angeles.

Kane received his training in this field at the University of Akron, in Ohio, and has a master's degree in social work from the University of Pittsburgh.

He is accompanied by his wife, Rosalyn, and their small daughter, Nancy.

According to Kane, the annual meeting of the Desert Area Family Service will be held April 2.

Office hours are now scheduled Monday through Friday from 7:30 a.m. to 4:30 p.m. Appointments may be made by calling Ext. 72714.



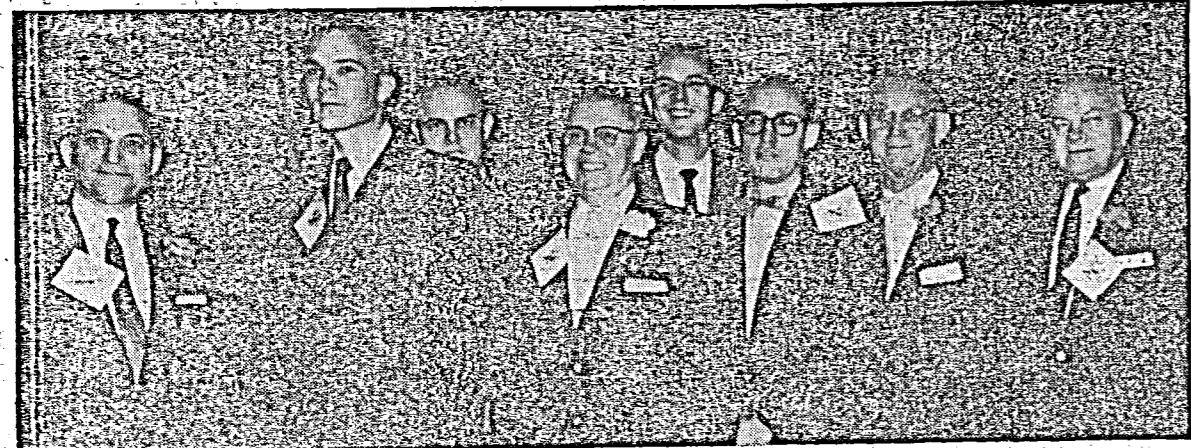
Joseph Kane New Director

Does Your Last Name Begin With A, B or C?

If it does and you are an enlisted man owning an automobile, today is the last day to register to get your new green border car decal to drive on the Station.

Starting March 2 and continuing through March 13, enlisted personnel whose last names begin with D, E or F must report to the Traffic Control Office at the Main Gate between 7:30 a.m. and 4:15 p.m. to obtain their new decals.

Missouri School of Mines' Dean Visits NOTS



ADDRESSES MSM ALUMNI ASSOCIATION—Recent visitor to NOTS was Curtis L. Wilson, Dean of the Missouri School of Mines...

Sport Slants

By "Chuck" Mangold

There will be a golf tournament held for Station military personnel during the period of March 7-22 for the purpose of advancing interest in the game...

Each individual who intends to participate in this tournament must have a handicap established prior to the first day of the tournament.

Members of the China Lake Golf Club who hold current handicaps with the club, must use this handicap for the first tournament.

Individuals without established handicaps, may play 36 holes of golf, with any other military person, prior to March 6, 1959, and then in attested score cards to one of the following committee members listed below:

- Committee Members Organization Phone
R. J. Boatright
C. H. Rogers GMU-61 8213
J. W. Coomes NAF 8308
D. O. Kibbe NAF 8351
D. L. Mitchell VX-5 8224
L. Minnis VX-5 8253
I. R. Goff Marine Corps 712320
H. J. Mize or
R. C. Thompson GMU-25 712231
L. R. Anderson NOTS 72219

The tournament will consist of 36 holes of golf, played between the 7th and 22nd of March. This 36 hole tournament must be played with another military person entered in the tournament, the score card attested and turned in to one of the committee members within 24 hours following play.

Tournament score cards (marked "TOURNAMENT CARD") must be picked up at the starter's desk at the Golf Club House prior to play. Each individual, before going out to play his tournament rounds, must notify one of the committee members of his intended date of play, and the name of his playing partner.

The tournament will be Medal play, with winner rules prevailing on the fairways. Course rules that appear on the back of the score cards also prevail.

Intramural Volleyball Schedule
March 3—NAF vs. AOD-1 6 p.m.
March 3—Marine Barracks vs. VX-5 7 p.m.
March 3—AOD-2 vs. Engineering 8 p.m.
March 5—GMU-25 vs. Civilian Personnel 6 p.m.
March 5—VX-5 vs. AOD-2 7 p.m.
March 5—AOD-1 vs. Marine Barracks 8 p.m.

City Tournament Bowling Results
The team event of the Eighth Annual Championship Tournament of the China Lake Bowling Association has been completed with the EM Club Team of the Premier League walking away with the honors with 2,705 scratch plus 314 handicap for a total of 3,019.

As tournament champions, the members of the EM Club team will share first prize of \$100, and will get possession of the Perpetual Trophy for the next year.

2,914 pins. As tournament champions, the members of the EM Club team will share first prize of \$100, and will get possession of the Perpetual Trophy for the next year.



11ND INSTRUCTORS—Jim Belt (left), Publications Manager at the 11ND Publications and Publishing Office, and Paul Travis (right) from the 11ND Management Assistant's Office recently conducted a 2-day Forms and Reports Management course at NOTS.

March Is Forms Management Month

Because of the realistic need to reduce overhead costs which confront each Naval and Marine Corps activity, the month of March has been designated as Forms Management Month in the 11th Naval District.

The 11ND instructors recently conducted a two-day Forms and Reports Management course at NOTS to orient management analysts and department forms and reports representatives with the campaign.

Such a concentrated effort is timely and beneficial in view of the current emphasis placed on reduced budgets and lower personnel limitations.

In spite of continual effort to reduce costs of paperwork, expenditures have continued to rise to \$867 billion for printing and processing of forms. It is hoped that "all hands" will continue the effort of reducing costs of paperwork operations.

Department or division forms representatives and "all hands" are invited to submit ideas that could improve the procedure and design of, at least five highest usage forms to the Station Forms Management Analyst.

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GBEA Assessment No. 28 Is Now Due

Assessment number 28 is now due and payable by members of NOTS Government Employees Benefit Association, following the death of Grace Stephens on Saturday, February 21.

Checks for \$1.10 should be mailed to the secretary-treasurer of the Association, K. T. Faust, 210-B Halsey, China Lake.

COMING EVENTS

Desert Art League
The Desert Art League will hold its regular meeting Monday, March 2 at 7:30 p.m. in the Anchorage.

AAUW Study Group
The AAUW Study Group on Economic and Social Studies will meet Thursday, March 5, at the home of Hazel Allison, 424 N. Sanders Street.

IWV Amateur Radio Club
Meeting each second and fourth Monday of the month are members of the Indian Wells Valley Amateur Radio Club at 8 p.m. at the Radio Station, located in the NOTS Hobby Shop Building.

Burroughs Alumni
All Burroughs High School Alumni are requested to attend the meeting Tuesday, March 10 at 7:30 p.m. in the Anchorage.

Union Baptist Benefit
Those who attend the Union Baptist Church are invited to a benefit dinner at the Anchorage, Friday, March 6, from 8 to 10 p.m.

Unitarians
The Reverend Jack A. Kent of Long Beach will speak to the Unitarian Fellowship on "The Role of the Churches in Unitarianism" Sunday evening at 7:30 at the Anchorage.

Astronomical Society
The public is invited to attend the slide illustrated lecture on the planet Mars by Tom Cave of the Cave Optical Company next Wednesday, March 4, at the Community Center at 8:30 p.m.

Women's Golf Winners
Winners of women's play last week were: Eliane Pollack, first flight; Jay Mueller, flight two; and Gerry Emberton, flight three.

File applications for above positions with Wanda Bullard, Personnel Bldg., Room 31, Ext. 71393 by March 6, 1959.

Supervisory Electronic Technician (Instrumentation), GS-11, PD 33158, Code 183. Responsible for the maintenance and modification of guidance systems used in Drone and target aircraft; ground control stations; control and launch aircraft; ground handling and launching equipment; and the maintenance of target airplanes and power plants.

Administrative Services Assistant, GS-9, PD 28619, Code 308. Responsible for the operation of the budget and for fiscal administration, for organization and methods studies in the Division, for assisting the Test Department Safety Director in the analysis and administration of safety procedures and practices, and for special administrative assignments.

File application for above positions with Fawn Haycock, Personnel Bldg., Room 24, 71514, by March 6, 1959.

Supervisory Passenger Traffic Clerk, GS-2152-5, PD 17191, Code 8517. Responsible for the review of all travel orders, planning itineraries, arranging travel reservations, assisting in the preparation of reimbursement claims.

File application for above positions with Mildred Beck, Personnel Bldg., Room 26, Ext. 72723 by March 6, 1959.

500th Customer Gets Free Safety Shoes



SAFETY CONSCIOUSNESS PAYS OFF—At least it did for Engineering Department's machinist Edward Wolfram (right) this week when he went to purchase safety shoes.

SHOWBOAT

MATINEE
Saturday and Sunday - 1 p.m.
EVENING
6 and 8 p.m. daily

TODAY FEB. 27
"ESCORT WEST" (76 Min.)
Victor Mature, Elaine Stewart
(Na synopsis available)
SHORTS: "Bwana Magoo" (7 Min.)
"Ham and Hatlie" No. 4 (10 Min.)
AFSM No. 561 (18 Min.)

DESSERT AREA HIGH SCHOOL MUSIC FESTIVAL
8-9:30 p.m.
SATURDAY FEB. 28
MATINEE
"KISMET" (113 Min.)
Howard Keel

SHORTS: "Two Little Indians" (7 Min.)
"Wild Bill Hickok" Chapter No. 7 (18 Min.)
EVENING
"PARATROOP COMMAND" (10 Min.)
SHORTS: "Bonfish and Barracuda" (8 Min.)
"Pearls of the Pacific" (17 Min.)

SUN.-MON. MAR. 1-2
"WHITE WILDERNESS" (70 Min.)
Walt Disney documentary
SHORT: "Legend of Sleepy Hollow" (32 Min.)
TUES.-WED. MAR. 3-4
"FROM THE EARTH TO THE MOON" (100 Min.)
Joseph Cotten, Debra Paget

Set in 1865, this Jules Verne story is amazingly up-to-date. A great munitions maker attempts to use his discovery, Power X—a source of infinite energy—to fuel a rocket to the moon.

THURS.-FRI. MAR. 5-6
"HOME BEFORE DARK" (136 Min.)
Jean Simmons, Dan O'Herlihy
Psychological drama of a wife's attempt to confirm her husband's love, in spite of reasonable suspicions that he is much more in love with her beautiful stepister.

Funeral Services Held For Station Employees
Funeral services for John McLaughlin, Head, Planning Staff, AOD, who suffered a fatal heart attack Tuesday morning, were held in the All-Faith Chapel yesterday.

Station Theater
As you have undoubtedly noticed, a coin turnstile has recently been installed at the Station Theater.

Students Attending National Convention in Los Angeles Visit Navy Site
ASCE STUDENT TOUR—Shown on a field trip to Morris Dam on February 14 are students attending the National Convention of American Society of Civil Engineers in Los Angeles.

Rocketeer Deadlines
News, Tuesday, 4:30 p.m.
Photos, Tuesday, 11:30 a.m.

THE ROCKETEER
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China Lake, Calif.
Captain W. W. Hollister, USN
Station Commander

Editor: Budd Galt
Assoc. Editor: Phyllis Wair
Staff Writer: Glenn Mayden
Photographers: R. L. Lyles, PH3, Jan Fulkerson, PHAN

Art Illustration by Technical Information Department, PASADENA
Correspondent: Nova Semeyn
Phone Ext. 35

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The Rocketeer receives Armed Forces Press Service material. All are official U.S. Navy photos unless otherwise specified.

What's Doing IN RECREATION

By Jean Cone, Recreation Director



Among the most constant customers at the NOTS Hobby Shop since its opening in December have been Leonard T. Jagiello, Head, Aeromechanics Division, and Steve M. Little (right), Engineering and Development, Weapons Development Department.

Including wood and fabrics, material for rebuilding the wing has cost approximately \$75. If available, the cost of purchasing a complete wing would be at least \$500.

This is an initial experience in light airplanes for Steve Little. He has over 1300 hours military flying time in attack and jet fighter aircraft.

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News From Pasadena



Jack H. Slaton



John M. McCool

Two Electronic Scientists Are Promoted To GS-14 Positions

Two young electronic scientists in Underwater Ordnance Department have recently received promotions to the GS-14 level. They are John M. McCool, who heads the electronics and instrumentation branch of Systems Operations Division, and Jack H. Slaton of the guidance branch, Guidance and Control Division.

McCool, as branch head, a position he has held since October 1956, is responsible for development of electronics systems for weapons and the development of instrumentation.

Joining NOTS in June 1951 under the summer student aide program, McCool has steadily received promotions from physical science aide, GS-4, to laboratory electronic mechanic, GS-5, and on through higher grades as physicist and electronic scientist, to his present position at the age of 28 years.

During his NOTS employment, he has received five outstanding performance ratings and a superior performance award.

Born in San Mateo, California, he attended CalTech where in June 1952 he received a B.S. degree in physics.

He is a member of the Engineering Society-Tau Beta Association, American Institute of Electronics Engineers, and Institute of Radio Engineers.

With his wife, Elizabeth, he resides at 352 South Carmelo Avenue-Pasadena.

Slaton is employed in the guidance branch, Guidance and Control Division, where he designs torpedo guidance systems and acts as consultant.

A native of Riverside, Illinois, he attended Illinois Institute of Technology where in 1945 he received a B.S. degree in electrical engineering. Two years later he received the

Fred Nathan To Lead Am. Red Cross Drive

Fred M. Nathan has been named chairman of the American Red Cross Fund Drive to be held at NOTS Pasadena during the month of March, according to an announcement by Cdr. C. J. Beers, Officer in Charge.

Fast-Acting Firemen Divert Lab Damage In Early-Hour Fire

Quick-responding firemen of Pasadena's Fire Department diverted major damage to Building 5 laboratories on Tuesday of last week when an air conditioning motor caught on fire.

Responding to the call were Engine Companies 3, 7, and 10. Within minutes, source of the fire was discovered and extinguished.

Working late in the simulator laboratory, J. W. Stegman at 12:42 a.m. first noticed smoke coming from a ventilator and notified security guards who put through the fire alarm.

Fire Inspector Jack Hughes reports only minor damage to the air conditioning unit and no damage to the building.

Leaves Station



Henry L. Alden

After eleven years with NOTS Pasadena, Henry L. "Hank" Alden leaves today to accept a position as consultant to the head of manufacturing operations, solid propellants, with Aerojet, Sacramento.

He has been the Chief Production Engineer for the Station since 1954.

A farewell party in his honor is being held tonight after work, 5-7 p.m., at Rancho Hillcrest.

Alden came to NOTS in 1948 to assist in the conversion of General Tire and Rubber Company to Civil Service. After the conversion, he stayed on to head Manufacturing Services Department. Later, on formation of Design and Production Department, he headed the manufacturing division which operated shops at both Pasadena and China Lake.

He holds a B.S. degree in metallurgical engineering and a M.S. in metallurgy from Case Institute of Technology.

Promotional Opportunities

Power Plant Engineer, GS-13, PD No. 36090, Code P803. Estimate performance and formulate basic design criteria for advanced weapon propulsion systems, including preparation of over-all performance requirements and plans for ballistic and other testing to ensure expected operation in proposed weapon systems. Conduct studies and prepare proposals on complete pro and anti-submarine weapon systems and applied research programs.

Contact Maxine John, Extension 103.

Personnel New Employees
William T. McDonald, electronic mechanic, in Test Division, Pasadena, with duty at Long Beach, and Clarence A. Merten, production specialist (ordnance material), GS-10, in Supply's Purchase Division.

Terminations
Harry L. Greene, supervisory ordnance engineer (editing), in P809. Greene transferred to Headquarters, Ballistic Missile Center, Los Angeles.