Bond Drive to Begin May 11

When it comes to building a nest egg, U. S. Savings Bonds are still about the best thing going. Ames employees will have an opportunity to start building when the annual Bond Drive gets underway on May 11.

Acting Director C. A. Syvertson has named Marguerite C. Smith (still known to many as Marcie Chartz), Staff Specialist in the Computation Division, as the Center's Savings Bond Campaign Manager and Coordinator.

At a campaign kick-off meeting held last week Mr. Syvertson outlined the advantages of buying savings bonds, stressing their stability as an investment and their best feature--automatic savings. He brought up the old cliche about the low interest rate, but he also pointed out, "There may be higher rates but 10 percent of nothing was still nothing" and the payroll savings method is a convenient, painless, and assured way to save. What better way to invest the Federal pay raise signed recently than in reliable U. S. Savings Bonds.

In announcing Mrs. Smith as the campaign manager, Mr. Syvertson admitted that "women do better with money," emphasizing, at the same time, that one aim of the drive is to "raise the Center's participation rate to 70 percent." With the help of a competent staff Mrs. Smith hopes to accomplish that goal.

For the second year the campaign theme is "Take Stock in America".

Dr. LUMB HONORED

Top Telemetry Award to Ames Scientist

Dr. Dale R. Lumb, a research scientist in the Spacecraft Data Systems Branch, has been named "man of the year" by the National Telemetry Conference.

He received the National Telemetry Award at the conference awards luncheon last Wednesday at the Los Angeles Hilton Hotel.

The award is for development by Dr. Lumb of an advanced coding system for spacecraft telemetry signals, which has enabled Pioneer 9, now in interplanetary space, to double the amount of data returned with no increase in power and very little added equipment.

Dr. Lumb's system, known as convolutional coding, can apply to most space communications and has promise for application to Earth communication systems. It employs an intricate mathematical coding technique and computer decoding.

Youth Science Congress Held

Eighteen high school students from the Northwestern states presented scientific papers at a regional Youth Science Congress held April 22-24 at Ames.

The program began at Stanford University with a presentation of papers followed by dinner, after which the students were invited to attend the Earth Day debate at the University.

Sponsored jointly by NASA and the National Science Teachers Association (NSTA), the Youth Science Congress aims to encourage promising students to enter science as a career, and to develop their abilities in science through scientific investigation.

Major emphasis is in developing the ability of these potential scientists to communicate their results to other scientists.

The influence of one teacher on his science students was especially notable, according to Educational Services Officer Garth A. Hull, coordinator of the Youth Congress from the Ames Public Affairs Office.

Of the 15 students participating, six were from Joel E. Ferris High School in Spokane where Al Finley is head of the science department, and two students (a brother and sister) were from Choteau, Montana, where he formerly taught science. Mr. Finley is known throughout the United States for his work with science students and more particularly for a Saturday Science Research Program which he conducts.

Ames research scientists individually discussed mutual research interests with students during one entire afternoon. These Drop-in Centers were established at the laboratories of the science advisors and proved a stimulating experience for students and scientists alike.

The most non-structured phase of the three-day program was the opportunity given to the students to individually select from 25 research areas which enabled them to explore new scientific fields of interest.

The student papers were evaluated by Ames research scientists, Dr. Paul Callahan, Biochemical Endocrinology Branch, and Edwin D. Neville, Physiology Branch, and Dr. Seymour N. Rosenfield, the Chief of the Ames Medical Office. Other evaluators were science teachers Joe Davis, Campolindo High School, Moraga; Norman McRae, Pleasant Hill High School, Pleasant Hill; and Joe Olenchak, Antioch Senior High School, Antioch.

One of the highlights of the Youth Congress was the Awards Program at which Dr. Richard Merrill, President of the NSTA, presided. Guest speaker for the evening was Astronaut Dr. William B. Lenoir, who also assisted in presenting award certificates and medals with Dr. Stein.

Other participants in the program from Ames were Robert Nunnemaker, Manager of Flight Operations, Project Pioneer, who discussed "An A-Trip to Jupiter"; and Mr. William Quaide, who gave a talk entitled "A Geologist Looks at Moon Rocks."

Mr. Hull had great praise for the reactors, evaluators, and the many research scientists who gave so generously of their time and knowledge to make the program a success.
Two From Ames
SHARE Officers

Two computer specialists Ross C. Bainbridge, Chief of the Computer Systems Branch, and Captain Wayne Hathaway of the same branch, have been appointed to offices in the international computer organization SHARE.

The primary objective of SHARE is to advance the effectiveness of SHARE machine systems by promoting the free interchange of information concerning the use of such systems in the best scientific tradition. A further aim is to reduce redundant effort among system users in the preparation of computer programs for general use. SHARE machine systems are defined as including the IBM 7094 and those models of the IBM System 360 having a model number of 50 or higher.

Mr. Bainbridge was appointed assistant division manager to the Basic Computer System Division of SHARE, one of the four major divisions within the organization, in this appointive office Mr. Bainbridge will manage and coordinate the activities of the Control Program Systems Group which is composed of eight working projects.

Captain Hathaway's appointment is as chairman of the Computer Networking Project which is under the Control Program Systems Group. He is responsible for developing and guiding the Networking Project in activities related to the further development of the Computer Network which exists among various IBM systems and other computers and computer operating systems.

Credit Union's New EDP System

The Moffett Field Employees' Credit Union was host early last month to about forty credit union managers and board members who came to view a demonstration of the Electronic Data Processing (EDP) system. Representing some of the largest credit unions in Northern California, the group witnessed an actual credit union accounting system which utilizes on-line capability to provide information on members accounts.

James Cook, Director of Operations for League Data Processing Service, Inc., a subsidiary of the California Credit Union League, was present to explain the operation of the data center located in Pomona. Information for the computer is run on a Digitronics Data-Verber and then run on the Digitronics transmitter over telephone lines to Pomona.

The Moffett Field Employees' Credit Union is the first credit union in Northern California to go on this particular data processing system.

Retirement Dinner

A retirement dinner in honor of Ted Pfum, formerly of the Materials Processing Branch, will be held at the Sunnyview Family Club in Mountain View on Wednesday, March 20. Those interested in attending may call Les Bestor, ext. 3016, or Manuel Fontes, ext. 2234 for further detail. Deadline for making reservations is May 15.

Nakajima Named Auditor at Ames

The NASA Audit Office, Ames Research Center, formerly designated the San Francisco Area Audit Office, will operate as a subservice of the Western Region Audit Office in Los Angeles.

Responsibilities of the Ames Audit Office will include both internal and contractor audits. It is anticipated that a major portion of the effort will be devoted to Ames in terms of internal audit, liaison activity on contract and contractor audit matters involving Ames contracts and advisory audit services to Ames officials.

The ARC Audit Office as a Geographic Audit Office (Northern California, Northern Nevada, Utah, Colorado, Oregon, Washington, Idaho, Montana, Wyoming and Alaska) will be responsible for the audits by DOD or other Government audit agencies of all NASA contractors within the assigned geographical area.

AUDITOR’S ROLE

The traditional role of the auditor was to see that the system produced reliable expense data and is adequate to prevent or detect defalcation, erroneous payments, and the like. However, in keeping with the current trend in audit practices, attention is focused on the adequacy of the system by use of proper audit techniques. The attempt to recheck each individual transaction or voucher has long since been given up.

Another job of the Audit organization, called the operational function, uncovers weak spots in the management process and suggests ways of overcoming them. This includes examining and appraising the adequacy and effectiveness of policies, systems, procedures records and reports relating to programming, budgeting, accounting, procurement, supply, financial or business transactions of all kinds, and other operations having an impact on the expenditure of funds, utilization of resources, or accomplishment of management objectives.

The Ames Audit Office, located in the Hypervelocity Free-Flight Facility, Building 237, has a planned staff of two auditors, in addition to the manager.

No stranger to members of the Ames staff, Mr. Nakajima has been making periodic visits to the Center for the past four years. He came to NASA in 1966 from Boston where he spent five years. His assignments there were with the Boston Region, Defense Contract Audit Agency, and the U.S. Army Audit Agency. Prior to transferring east he worked in San Jose as Resident Auditor for the U.S. Army Audit Agency at the POM Corporation.

A native of San Francisco, Mr. Nakajima attended the local schools, studied at U.C., Berkeley, and was graduated with a B.S. degree in Business Administration from Washington University in St. Louis, Missouri, where he also attended graduate school. He began his career with the Federal Government in July 1968. For ten years prior to that he was a chief accountant, accounting manager, and was self-employed as a tax and business consultant.

Mr. Nakajima has many friends at Ames, and in the local area, some of whom he hasn't seen for many years. He plans to live in the West Valley Area of San Jose and will have an opportunity to renew old acquaintances.

College Students Need Housing

During the month of June a number of college students will report for work at Ames under the Federal Summer Employment Program. Many of the students will be out-of-the-area residents and will need temporary housing until they return to school in September.

Anyone interested in sharing a home or apartment with these students may call Mrs. Merinda Mengens, Employment Branch, ext. 2021.

Two Students who participated in the NASA-NSTA Youth Science Congress held recently at Ames are pictured as they discussed mutual research interests with Karl S. Talarico (left) of the Physiology Branch. The students are (foreground) Richard F. Wright of Blackford High School, San Jose, and JoAnn E. Dalton, Joel E. Ferris High School, Spokane. Mr. Wright was also a participant in the Ames Student Space Biology Research Program for high school students in 1969.

YOUTH SCIENCE CONGRESS...
Personnel Corner

**RETIREMENT ANNUITIES**

The Personnel Office has received several inquiries concerning the Civil Service Commission's formula for making adjustments to retirement annuities to reflect increases in the cost of living.

The Federal Personnel Manual provides this information as follows: "Whenever the cost of living nationwide, goes up by at least three percent over the Consumer Price Index for the month used as the base for the most recent cost of living annuity increase and stays up by at least three percent for three consecutive months, an increase approximately equal to the percentage rise in the Consumer Price Index will be granted automatically. This increase becomes effective on the first day of the third month after the price index has gone up by at least three percent and stayed up for three consecutive months. It applies to annuities (excluding that portion purchased by voluntary contributions) commencing on or before this effective date."

Applying this formula to data that the Bureau of Labor Statistics (BLS) has issued for the month of March it is possible that the next increase will be effective August 1, 1970. If this occurs the official announcement will be made by the Civil Service Commission about June 26. This announcement would also provide the percentage of increase.

To be eligible a Civil Service employee would have to be retired and off the rolls as of July 31, 1970.

**SLOW-PITCH SOFTBALL**

... by Grantland Wheat

The Ames slow-pitch softball league began play last week in the pre-season Banana League. And in the only two games played, the Fighting Pumas and the Instrumentals came out as "Top Banana".

The Pumas peeled TGI by 23 to 12 on a home run by Bob King, who bad piloted a second home run into a triple.

The Instrumentals were ripe, but Space Science was still green as they got squished by the Big 1's 23 to 8 behind homers by Dick Larsen, formerly with Man-machine Systems Research Branch; and Bill Morelli, Large-Scale Aerodynamics Branch; Terry Gossett, Guidance and Control Systems Branch; Dick Kurkowski, Manned Systems Research Branch; and Bill Larsen, formerly with Man-machine Integration Branch.

**CLERICAL POSITIONS**

**Merit Promotion Plan Procedure Outlined**

Ames employees in clerical positions such as clerk-typist, stenographer, etc., grades GS-2 through GS-6 are reminded that the procedure used for being considered for promotion under the Merit Promotion Plan or reassignment to other Ames organizations is as follows:

Employees should contact Jeanette Remington, ext. 2222, and indicate their interest in future vacancies. At that time Mrs. Remington will ask for an up-date of work experience, if necessary, and the completion of an availability and interest form.

As promotional opportunities occur, only those candidates who have registered for consideration will be rated and ranked under the provisions of the Merit Promotion Plan. Only on rare occasions will a promotional opportunity for a clerical position be announced through the use of a vacancy announcement.

**USCS Extends Apprentice Exam**

The suspension date for filing for the Apprentice-First Year Examination for appointment at Hunters Point Naval Shipyard only, has been extended to May 26. For further information regarding this announcement call Mercy Menges, Employment Branch, ext. 2021.

**AERO CLUB FLYS ANTIQUE PLANE**

... by Dick Kurkowski

Eight Ames employees are having the time of their lives these days, flying their club airplane. The plane is an Interstate Cadet, originally built in 1940, which qualifies it as an antique aircraft.

Gil Robinson of the Advanced Aircraft Program Office at Ames, rebuilt the plane over a period of five years and had it flying again in 1963. He has displayed the aircraft at several antique fly-ins and has received many awards for his fine workmanship.

The Moffett Aero Club, Inc., which was originated by another group of Ames people in 1956, was reactivated in 1968 and the Interstate Cadet became the club ship. Club members are Emmett Fry, and Leo Power, Flight and Systems Simulation Branch; Gil Robinson, Leo Hall and Joe Morelli, Large-Scale Aerodynamics Branch; Terry Gossett, Guidance and Control Systems Branch; Dick Kurkowski, Manned Systems Research Branch; and Bill Larsen, formerly with Man-machine Integration Branch.

The Interstate is a delight to fly because of the low control forces and excellent response to control inputs. It seats two persons in a tandem arrangement and has dual stick and rudder controls. Cruise speed is 90 mph with an 85 horsepower engine, and with a range of about 350 miles. Stall speed is a frightening 40 mph. The airplane is a bit noisy, but with a good set of earphones, helmet, goggles, scarf, and "Snoopy" for your copilot—who cares?

Curses you Red Baron!

**ARA Operating Funds**

Ames organized clubs, or those in the process of being organized, wishing to request operating money for May through November, 1970, are instructed to contact Dr. Seymour Stein, ext. 2699, or any other member of the Ames Recreation Association (ARA) Executive Board, by May 15.

**ANTIQUE AIRCRAFT**

This Interstate Cadet airplane was built originally in 1940 and rebuilt for flight in 1963 by Gil Robinson, Advanced Aircraft Program Office, who stands proudly by his handwork. Eight Ames employees are presently flying the plane as members of the Moffett Aero Club, Inc. Gil has displayed the aircraft at several antique fly-ins and has received many awards for his workmanship.
Ames Airings

... by Jane Kohler

JOE NOVAKOVICH (Research Facilities Engineering) received his private pilot's license on April 18 after flying a Cherokee 140. Joe had been working toward that goal for eleven months. At press time he hadn't taken any passengers flying with him but planned to take his wife, Barbara, soon. It seems that she was the one who initiated the flying lessons and gave Joe a Christmas gift certificate for flying. As far as cross-country trips are concerned, Joe was thinking of flying to Phoenix but "plans are still up in the air." Congratulations Joe... BRENDI BENADOM (formerly of Employment) is visiting the States in for weeks between a second two-year tour with a Navy specialist at Ames, may also be remembered as the "Ames Airings" correspondent. While in the area she has been staying with JEANETTE REMINGTON (Employment), visiting old friends on the Peninsula and at the Center. Following her home-leave she will return to work in Morocco.

WANT ADS

BOLOWING

... by Clark White

The All-Ames Bowling League completed the current season April 29 with playoffs and sweeps. The Keggers won first place in Division I while the Road Runners were second. Members of the winning team are: Dean Jaynes, Capt.; George Ratberth, ina Rathert, Norm McFadden, and Bill Ross.

In Division II the Workhoppers won first place and the Toppiers were second. Team members of the winning team were: Larry Powell; Capt.; Barbara Fennity, Winnt Malloy, Jeanne Clemenson, and Ray Sutton.

Individual trophy winners for the season are as follows:

Division A: High series, Hank Cole, 701; high game, Al Silva, 270.
Division B: High series, Jeanne Clemenson, 711; high game, Dale Frankel, 269.
Division C: High series, Jan Konrad, 684; high game, Bob Detrenzy, 266.
Division D: High series, Winni Malloy, 723; high game, Fred Edwards, 278.
Division E: High series, Phyllis White, 680; high game, Nancy Riddle, 250.

High Scratch series, Dick Parker, 634; high Scratch game, Joe Marvin, 259.
Most Improved Bowler awards went to Armando Lopez and Mary Campbell. Armando raised his average 11 pins from 136 to 147 and Mary raised hers 18 pins from 82 to 100.

My personal congratulations to all prize winners for some very outstanding bowling.

JOGGERSNAULS

The 60th Annual Bay to Breakers Race will be held in San Francisco on Sunday, May 31. Runners and joggers interested in participating in this 7.7 mile race should contact Paul Sobesta, ext. 2076, for entry forms and additional information. In addition, the Golden Gate Park Race 4 (and/or 8 miles) will be held on Saturday, May 16. Let's see a good turnout for these races.

Jetstream Toastmasters

Bob Warner, president of the Jetstream Toastmaster club, won the runner-up award at the area speech contest last Saturday night. Congratulations to Bob...

For the past three years the Jetstream club has been top contender in speech competition, winning first place awards, one second, and a third.

BIAA CONFERENCE (Continued from Page 1)


SOFTBALL

The Ames Softball team started off the season at McKelvey Park by battling the Hewitt Block Caps to a 2 to 2 tie. Ames had many opportunities to score but left 11 men stranded on base. The game will be replayed at a later date if neither team is in contention for winning the first half.

BOX SCORES

Pos. AB R H

E. Lampkin 1 LF 4 3 0
B. Holmes 1 RB 3 0 0
G. Luft 1 CF 2 0 0
G. Alger 1 SS 4 0 0
B. Fish 1 2B 4 0 0
M. Jacobs 1 3B 3 0 0
D. Ruanes 1 RF 2 1 1
B. Corbett 1 P 2 2 2
D. Banducci 1 PH 1 0 0

Score: Ames 2, McKelvey 2. Last out: Banducci. Balk, 1 error. 2 men on base.

The next game will be Monday, May 11, 7 p.m. at the McKelvey Park in Mountain View.

For Sale-Unitedbeat bowl, 1 man, nylon and sequin, with cars and props, used once, $100. Call R. W. Byrnes, 497-1571.


For Sale-RC model, $500, all equipment, $50. Call J. Myers, 221-3626, or B. Ganzter, 941-1B16.

Lost-Man can't walk. Photo, wedding band, $250, all used, $200. Call V. McKenley, 886-1809.

For Sale-1965 Lotus Elan, hard top and soft top, nose cover, luggage rack, AP-AR, new catalytic, condition, $25,000. Call J. W. Mckee, 226-3477 westinghouse after 7 p.m.


For Sale-1969 V.W., surford, automatic, radio, $450 or best offer. Call 229-6104 after 6 p.m.

For Sale-1954 M.G.T., $350 or best offer. Call 315-4104 after 6 p.m.


For Sale-1960 Mustang, dark blue, radio, clock, disc, drums, rally-slip, full console, exc. cond. $1,200. Call 228-1989 after 5 p.m.

For Sale-1969 Nash, automatic, has everything, if you look you will buy, $450.00. Call 231-2254 after 7 p.m.

For Sale-1968 Chevrolet, $2,600-604 after p.m.

For Sale-Bowling set, 6 pin, excellent condition, $250. Call 224-2099.


For Sale-66 Chrysler Imperial, 9 passenger, air power, brakes and steering, 300,000 miles, still runs, $1,600. Call W. J. Sturtevant Dr., Saratoga or call 232-2931.

Division B: High series, Jeanne Clemenson, 711; high game, Dale Frankel, 269.
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AIAA CONFERENCE (Continued from Page 1)

Aerodynamics Branch; and "Transonic Static" and Dynamic-Stability Characteristics of Two Large-Angle Spherically Blunted High Drag Cones," by Robert L. Sammonds, Hyperersonic Free-Flight Branch.
Bond Drive Going Strong

2.1% Increase in Sales

First Three Days

The Ames 1970 Savings Bond Campaign is underway and an early report indicates a 2.1 percent increase in the participation rate.

During the first three days of the drive 41 employees signed for the payroll savings plan for the first time and an additional 69 employees increased their allotments.

A kick-off meeting for division coordinators and canvassers was held last week (May 12) in the Ames auditorium. Guest speaker for the occasion was F. Lowell Laurence, Area Manager of the Savings Bond Division of the U.S. Treasury Department. Dr. Hans Mark, Ames Director, introduced the speaker and urged support for the Center's Bond Drive.

In his remarks Mr. Laurence stressed the importance of the payroll savings plan, not only to provide a stable, automatic, financial program for individuals, but in addition, to assist in maintaining the economic well-being of our country.

He said, "For Federal employees buying Savings Bonds is like buying stock in the company for which you work. This is our 'company' what better way to show our support than by taking part in the bond program."

Marcie Smith, Chairman of the 1970 Savings Bond Campaign, outlined her campaign plans and emphasized again that the aim of the drive is to raise the Center's participation rate to at least 70 percent.

Americans are competitive by nature and to stimulate interest in the Bond Drive Marcie has devised a plan which may result in an extra bond or two for the lucky participant. The rules of the game are that your name will go into the "hopper" if you qualify for any of the following categories:

• Taking bonds on May 1, 1970;
• Participating in this drive by joining the Payroll Savings Plan;
• Participating in this drive by increasing allotment.

All coordinators and canvassers will get one chance in addition to any others they may qualify for.

To be eligible for participation in this drive, the authorization must be dated before May 31, 1970, and

(Continued on Page 3)
be established prior to launch to give greater flexibility to trajectory planning for such long missions.

Pioneer F will be launched in late February or early March, 1972, and the trip to Jupiter will take from 600 to 900 days, arriving in the vicinity of the planet in October or November, 1974, at the earliest. Pioneer G will be launched in April 1973, and the trip time will be comparable, with an earliest arrival time in November or December, 1975.

The thirteen scientific experiments will make a broad study of a number of interplanetary phenomena, possible hazards of flying a number of interplanetary phenomena; electrons; nuclei of hydrogen, helium, and cosmic radiation into the solar system. They will gather data on the heliosphere, the region of the Sun's influence on the space environment; and they will look for the boundary where the heliosphere ends and galactic space begins. These studies should provide new understanding of the nature of the Sun and of the effects of the heliosphere on Earth.

ASTEROID BELT

Both spacecraft will spend six months to a year passing through the asteroid belt, which circles the Sun out from 180 million to 330 million miles. There may be as many as 50,000 asteroids ranging from the 450-mile Ceres down to bodies about one mile in diameter. There are differing estimates on the number of asteroids smaller than one mile in diameter. It is estimated that there is enough material in the asteroid belt to form a small planet.

The experiments will measure intensity and polarization of sunlight reflected from asteroids and cosmic dust (zodiacal light) to allow calculations of over-all quantities of cosmic debris. Near Jupiter, the Pioneers are instrumented to gather information on a number of mysteries surrounding the planet. In addition, scientists will perform a celestial mechanics experiment and a radio-occultation experiment by analyzing the radio signals from the Pioneers just before and just after they pass behind the planet for about one hour as viewed from Earth.

Earth-based studies of Jupiter have not yet revealed whether the surface of the giant planet is solid, liquid, or gas.

Jupiter has a mass some 318 times that of Earth and its period of rotation is about ten hours. Scientists hope to gather clues as to why a planet with a diameter 11 times that of Earth rotates more than twice as fast as Earth.

U.S. Commissioner to Handle NAS Moffett Traffic Violation Penalties

A new procedure for handling traffic and parking violations committed on the premises of the Naval Air Station Moffett Field, has been instituted and beginning on or about Monday, May 25, penalties for traffic violations cited by the Navy Internal Security Patrol will be handled by the U.S. Commissioner.

The "Notice of Violation" (ticket) contains a description of the charge with the following statement which appears above the signature block of the violator:

"Without admitting guilt for the violation charged, I promise to post bail in accordance with the instructions on the reverse of this form or to appear before the U.S. Commissioner, Community Center Bldg., E-52, NAS Moffett Field, Calif., at 4:30 p.m., on ..."

The instructions for posting bail and notice of action to be taken in the event of failure to post bail or to appear, and the schedule of the bail, are set forth below. This information is a quote from the instructions appearing on the reverse sides of the "Notice of Violation" which is presented to the individual cited.

BAIL:

To remit bail, sign below and send this copy with a check or money order, payable to U.S. COMMISSIONER, addressed as follows: U.S. COMMISSIONER'S LIAISON, Security Office, Building 203, Moffett Field, California 94035. DO NOT MAIL CURRENCY.

NOTICE:

Failure to remit bail or to appear on date indicated on the reverse side of this form will subject you to issuance of WARRANT OF ARREST and assessment of additional costs connected therewith.

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Employees at Ames are reminded that the speed limit is 25 mph except as otherwise posted and at intersections where it is 15 mph. Parking is controlled by painted markings. If there is no marking then there is no parking.
Personnel Corner

REGISTRATION PROCEDURE

In response to recent requests the resignation procedure to be followed at Ames is outlined below.

At least two weeks prior to resigning the employee should give oral notice to his supervisor.

The employee should promptly report to the Records and Reports Branch of the Personnel Division (Room 145, Building 241) to initiate Standard Form 52 which will provide the written notice of resignation.

The Records and Reports Branch will complete the SF-52 and advise and assist the employee on the various clearance requirements. This branch will also furnish information on regulations and procedures to employees resigning or retiring with regard to continuing life and health insurance, unemployment compensation (when applicable), application for refund of retirement, etc.

Credit Union Offering Promissory Certificates

The members of the Board of Directors of the Moffett Field Employees' Credit Union are pleased to announce a six percent promissory certificate program.

Certificates are available under the following conditions:

Purchaser must be a member of the Credit Union;
Have a minimum of $2,000 in the share account. This amount must be maintained in the share account during the life of the certificate; and,
Hold for two years to earn six percent per annum return.

In the event certificates are presented for payment prior to maturity, 30-days notice must be given the Credit Union. When surrendered before maturity they will receive four percent interest per annum for each full month on deposit.

Certificates, available in the amount of $1,000, are offered for a limited time only. For further information call or visit the Credit Union office, NAS Building No. 107, telephone number 366-5494.

BOND DRIVE (Continued from Page 1)

become effective before August 9, 1970.

Prizes for the Bond Drive:
1st: $100 bond
2nd: $50 bond
3rd: $50 bond
4th: $25 bond
5th: $25 bond

Date of the drawing will be announced in a special issue of The Astronomer.

An Introduction to Officers of the ARA Executive Board

PRESIDENT...Armando Lopez of Full-Scale and Systems Research Division is the newly-elected President of the Ames Recreation Association. And "Lope" is interested in getting the ARA into full-scale operation. He'll welcome your suggestions and ideas, at ext. 2389.

VICE-PRESIDENT...Al Puccinelli of Simulator Systems Operation Branch is associated with the 50-G centrifuge, which accelerates forces of gravity. As Vice President of the Ames Recreation Association, he can accelerate your ideas for ARA activities. Call "Pooch" at extension 2229.

TREASURER...Dr. Seymour Stein, Chief of the Medical Office, and Treasurer of the Ames Recreation Association, is particularly interested in improving employee health and welfare through sports and other recreational activities. Jog to Si with your suggestions for the ARA, or call him at ext. 2693.

SECRETARY...You're not just a cold statistic to the Ames Recreation Association, says ARA Secretary Janet Konrath of Computation Division. Talk to a person, not a machine, if you have suggestions for the ARA. Call Jan at ext. 2007.

ARA to Sponsor Night at Ice Follies

The Ames Recreation Association (ARA) is sponsoring an Ames night for a performance of the New Shipmates and Johnson Ice Follies at the Oakland-Alameda Coliseum on Wednesday, July 8, at 8 p.m.

Special guest star with the Ice Follies is Peggy Fleming, U.S. Olympic Gold Medalist, with Ron and Cindy Kaufman, U.S. Fair Champions.

The ARA has a block of tickets for $5.50 seats which will be sold to Ames employees for $4.50. Tickets may be purchased from Bob Kuhlmann, Room 213, Building 210. Call him on ext. 3081 for details.

SOFTBALL...by Mike Green

The Ames Softball Team won its first game of the new season with a 6-3 come-from-behind victory over the Mountain View Apaches, on Thursday, May 7. Roger Hedlund and Steve Kanally paced the hitting attack with two hits each. One of Kanally's hits was a key tie-breaking home run. Jim Myers, making his pitching debut, allowed only four hits.

Box Score
POS  AB  R  H
E. Lampkin  RF  3  0  0
B. Ganzler  2B  4  1  1
M. Green  3B  2  1  0
R. Hedlund  CF  3  0  2
B. Holmes  1B  1  0  0
G. Alger  SS  2  0  0
B. Bell  C  2  1  1
S. Kanally  LF  3  2  2
J. Myers  P  2  1  0

The Ames Fast Pitch Softball Team beat the Apaches for the second time in less than a week on Monday, May 11. The final score was 6 to 2. Bob Corbett turned in a strong four hit pitching performance to get the win. Although Ames had only three hits, they capitalized on the wildness of the opposing pitcher. Four of the nine men walked during the game, came around to score. Bruce Ganzler and Jim Myers got runs producing base hits for Ames. The defensive play of the game was made when George Alger took a relay throw from Steve Kanally and in turn fired a perfect strike to Bob Bell. Bell applied the tag to the runner to stop a potential late-inning uprising by the Apaches.

Box Score
POS  AB  R  H
R. Dueans  RF  2  1  0
B. Ganzler  2B  1  1  1
M. Green  1B  2  0  0
R. Hedlund  CF  4  0  0
S. Kanally  LF  4  1  1
G. Alger  SS  3  1  0
B. Bell  C  1  1  0
J. Myers  3B  2  0  1
B. Corbett  P  3  1  0

The next games will be Wednesday, May 27, 7:00 p.m., at McKelvey park and Thursday May 28, 9:15 p.m. at Fair Oaks Park.
JOGGERNAUTS

Anderson Dam was the scene of the grueling Road Runner Club races in Morgan Hill, on May 1. The temperature rose to 90 degrees, as the Center’s Joggernauts competed in the 15,000 meter, one and two mile races.

In the 15,000 meter, Bruce Castle and Jim Woodruff were clocked at 69:43 and 84:08, respectively. Vito D’Alola came in tenth, with a time of 68:11.

The two mile race included a 260 foot rise, from the bottom to the top of Anderson Dam. Dick Willoughby, and his wife, Dora, competed in this crate-bucker with times of 18:26 and 18:40.

In the one mile race, through the Anderson Dam Picnic Area and Parking Lot, was completed by Gay Castle (Bruce’s wife), Dora Willoughby, and Alice Willoughby, Dora’s 12-year-old daughter. Those times were 6:34, 7:14 and 8:10, respectively.

The Bay-to-Breakers race will be held this Sunday, May 24.

Special Discounts Offered to Personnel at Ames

BULBS: Holland’s Glory, Inc., bulb growers and exporters of San- sunheim, Holland are offering Ames employees a special flower bulb plan of over 103 varieties. Bulbs are shipped directly to the employee’s home during September and October for fall planting. Costs for postage and handling are quite fulfilling. By JEROME PEARSON (Structural Dynamics) and his wife, Jeanne, spent nine days in Hawaii recently. They flew to four islands, Oahu, Maui, Kauai, and Hawaii. Jerome said Waikiki Beach was so crowded that there were more people than sand, and so many hotels that one could no longer see Diamond Head. Their favorite spot was Waihe’e Canyon on Kauai. Other highlights were the Black Sand Beach and the smoking craters on Hawaii. The only foul-up in the trip was that they neglected to reserve a car to rent and found themselves on the Kona Coast with no transportation to the Airport; however some fellow Californians came to their rescue and gave them a ride. The only other mishap was that Jerome had a run-in with the surf and the surf managed to eat his glasses. All in all it was a very “fun” vacation.

INTRAMURAL SOFTBALL

All games of the pre-season Banana Loop were completed by May 12, with Aero the undisputed Banana Champions. The Aero team won victories over Space Science and TGD by scores of 14-9 and 9-4. In the only other game, RFE squeezed by scores of 14-9 and 9-4. In the only other game, RFE squeezed by scores of 14-9 and 9-4.

The regular season opened on May 13 with the defending champion Pumas easily defeating RFE by a 15-7 margin. Puma pitcher Sazersh led the Puma attack with four hits including two homeruns, while the Puma defense made characteristically few mistakes in the field.

FENCING

Amateur Fencer’s League of America (AFA) may soon establish a Central California Division, including the Santa Clara and Santa Cruz counties. Anyone interested in joining the League or a fencing club, should contact Ed Merek, 239-12 ext. 2989.

HANDBALL

Next Wed: Women. All employees interested in playing handball or learning the game are asked to call Bruce Castle, ext. 2344. He needs to know the number of people interested in participating, so please respond.

SUMMER BOWLING

...by Dennis Riddle

The All-Ames Summer Bowling League has completed its first night of play at Moonlight Lanes. The standings are: TEAM WON LOST
Bowling Bums 3 0
Raiders 3 1
The Dirty Rugs 2 2
Team #1 2 2
Vikings 1 3
The Stars 1 3
Bowled May 12:
Men’s high series: Dennis Riddle 570; Dick Parker, 560; and Hank Cole 549.
Women’s high series: Jan Konrath, 494; Jeanne Clemson, 487; and Judy Long, 497.
Men’s high games: Dick Parker 221; Dennis Riddle, 208; and Al Silva 203.
Women’s high games: Jan Konrath, 187; Jeanne Clemson, 178; Billie Carle, 177; and Judy Long, 177.
Following the bowling, league officials were elected: Dennis Rid- dle, president; Howard Garrison, vice president; Jan Konrath, secretary, and Judy Long treasurer.

The league constitution was approved without changes.

The Astrogram's ad section is provided as a per- mission, non-commercial service to Ames employees. Advertisements must be identified by name, address, and organization. The name may be left off the ad if it is needed for the unique or distinctive invoice. The ad must be submitted to the Astrogram, R-214, by Thursday, a week before publication. The advertiser’s business telephone number must be provided as a point of contact except in corporate notices.

AUTOMOBILES

For Sale-1962 Impala, 4-door, hard top, V-8 engine, automatic transmission, power steering, heater and radio, $1500. Call 964-0150.


For Sale-1960 Oldsmobile, F-85 convertible, white, V-8, 274 cu. in., 3-speed, runs well, $1050. Call 964-0300.

For Sale-1962 Ford Galaxie 500, 4-door sedan, P. S., P. B., Air Conditioning, 290 cu. in., $400. Call 964-0820.

For Sale-1962 Chevrolet station wagon, 6-passenger, 337, 4-door, runs well, $1500. Call 964-7005.

For Sale-1961 Plymouth sports coupe, 230 cu. in., 4-speed, runs well, $1600. Call 964-0300.


For Sale-1964 Cadillac Eldorado, 5-passenger, $1500. Call 964-6252.

For Sale-1963 Chevrolet Impala, 4-door hard top, automatic transmission, power steering, radio and heater, $1500. Call Peter Thompson in San Jose, 232-6328.

For Sale-1959 Cadillac 4-door, $2600 or best offer. Call 948-0505.

HOUSING

For Rent-South Shores, Lake Tahoe, close to every- thing, 3-bedroom house, A. E. E., sleeps eight, $50 per week. Call 246-7709.

For Rent—Mountains, with a view of the mountains, 2-bedroom house, up to 4 people, $215-025. Call 964-0250.

For Rent—South Shores, Lake Tahoe. Two-story, all-wood, $650 per month. Call 964-7005.

For Rent—1072 Rodeo Dr., Lake Tahoe. Three bedroom, sleeps six, $750 per month. Call 964-7005.

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