

Four Employees To Attend Senior Military Colleges



Crumpton



Robison



Womack



Yarnall

Four Aerospace Center employees will attend senior military service colleges during the 1987-88 academic year and two more have been selected, pending the availability of spaces. The military service colleges emphasize academic and professional development in such areas as national strategy, defense management, national security policies, the science of warfare, and political and social factors. All of the colleges have a 10-month term except the Armed Forces Staff College, which is 21 weeks.

Darryl E. Crumpton, chief of the Digital Products Department's Terrain/Feature Division I (DPI), will attend the Air War College at Maxwell AFB, Ala. As chief of DPI, he is the first-line supervisor of six branch chiefs, who supervise approximately 200 cartographers involved in production of Digital Feature Analysis Data (DFAD) and Digital Vertical Obstruction Data (DVOD). He has played a key role in implementing the Feature Extraction Segment (FE/S) of the modernization program.

Center and with the Hydrographic/Topographic Center. He also represented PPMC on three segments of the modernization program.

Charles E. Womack, cartographer in the Digital Products Department's Terrain/Feature Division II Techniques Office (DPMT), will attend the Armed Forces Staff College in Norfolk, Va., in January 1988. On his present assignment, he has developed or modified computer processes relating to analytical stereophotogrammetric systems and associated cartographic products. These activities have involved several segments of the modernization program.

Stephen R. Yarnall, aeronautical information specialist in the Directorate of Programs, Production and Operations Charting and Aeronautical Productions Division (PPC), will attend the College of Naval Command and Staff, Newport, R.I. He is program manager for the production of air facility data and

Orienteer

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In Sympathy

Col. Morrison, ACP Commander

Word has come of the death of Col. Jewel E. Morrison, 86, on March 13 of pneumonia in Wheatridge, Colo. Colonel Morrison was commander of the Aeronautical Chart Plant at 12th and Delmar in St. Louis. After establishment of headquarters of the Aeronautical Chart and Information Center at 3200 South 2nd St. and consolidation of facilities at this location, he remained as deputy commander of ACIC.

"He was such a nice guy, we hate to see him part," said Clair Horn, personnel officer under Colonel Morrison. "He was well liked by everybody, and he was probably one of the best commanders we ever had."

Colonel Morrison earned his commission in 1926 through ROTC at the Colorado School of Mines. From 1933-37 he served in the Civilian Conservation Corps, directing the construction of seven camps on the West Coast. He was a geologist for the state of Oregon before entering on active duty as a captain in the Army Corps of



Drawing by
Mel Kramer

Col. J. E. Morrison

was commended by the commanding general of Seventh Air Force for his "splendid example and devotion to duty."

Colonel Morrison was serving at MacDill AFB, Fla., with a reconnaissance and mapping group before he assumed command of the Aeronautical Chart Plant in 1948. He left ACIC in February 1954 for Korea, where he was commander of Fifth Air Force's 18th Maintenance and Supply Group.

Colonel Morrison and his wife Sally were parents of two children. He remarried about three years ago, after the death of his first wife,

Security Changes Contractor Rules

Security officials have discontinued issuing badges to unescorted contractor employees involved in construction activity or other work at the Center. However, these individuals must still wear a proper badge provided by the contractor.

The change was implemented as a cost-reduction measure that will not jeopardize security, said LTC Edward W. McGinley III, Director of Security. Contractor badges are being turned in as contracts expire.

In addition to wearing a company badge, unescorted contractors will be limited in their movements to and from "free zones" that will be established on a case-by-case basis.

"After a construction contract is awarded, officials in Security and Facilities Engineering will evaluate the security requirements of the contract," said Colonel McGinley. "If this review indicates that the contractor will not need access to active work areas, requiring an escort, and a number of other security and operational considerations are met, the contractor will work under the 'free-zone' concept."

Contractors working in a free

Peter C. Robinson (DTRB), branch chief in the Digital Products Department's Terrain/Feature Division II, will attend the U.S. Army War College in Carlisle Barracks, Pa. Before his appointment as branch chief last December, he was assigned to the Directorate of Programs, Production and Operations Configuration Management Branch (PPMC), where he was responsible for coordinating Configuration Management actions at the Aerospace

Center. Robinson previously was a branch chief in the Aeronautical Information Department's Automated Systems Division (ADC), he was responsible for a data base conversion involving air facility data.

Selection pending availability of space has been approved for Craig N. Brandenburg (MCABC) to attend the Armed Forces Staff College and Charles L. McGaugh Jr. (QA) to attend the Air Command and Staff College.

When the Japanese attacked Pearl Harbor, he was the assistant engineering officer at nearby Hickam AFB. It became his duty to supervise reconstruction of the field and salvage many items of equipment, including 15 Japanese planes. Later he served in Okinawa as chief of aircraft maintenance with an advanced air detachment that accompanied troops and seized enemy airfields. One of a handful of officers to survive these actions, he

As requested by employees, a videotape on "static electricity" will be shown April 13 at 11 a.m. in training classroom B, Building 4, 8900 South Broadway.

In the film, Dan Anderson, nationally known consultant, discusses the effect of static electricity on plastics and equipment products of interest to cartographers, geodesists and safety personnel.

zone will be required to issue each employee a company-produced badge bearing the company name and personal identification number. Security officials will be provided with a sample badge and a listing of names and badge numbers. The contracting company will be required to ensure that its employees know the limits of the free zone and stay within those limits.

Contractors working outside a free zone will be required to have an escort and wear an Aerospace Center visitor badge.

"The free zone system, as all security systems, will only work with the assistance of all personnel," said Colonel McGinley. "If an individual is seen without a badge, challenge the individual. If they could be outside a free zone, check their badge and note the number; then call the Security Desk at 4222. If the individual is out of his or her assigned area, prompt action will be taken to correct the situation."

Breast Cancer Screening Program Gets Results

Results of mammography screening at the Aerospace Center are consistent with results of past screening by the Mallinckrodt Institute of Radiology. A mobile unit from the Institute, which is affiliated with Washington University Medical Center, X-rayed 59 female employees in February who had signed up for the screening.

Of the 59 screened at AC, six were recommended for follow-up testing, according to Geri Winans, R.N., of the Medical Care Division (HSD). This compares with 10.7 percent (298) who were recommended for follow-up testing out of the 2,775 women screened by Mallinckrodt during a two-month period last year.

"We expect to achieve some quick and dramatic results with this new program," said Winans. The mobile unit has been in operation for less than a year, and this was its first visit to the Aerospace Center. Plans call for the unit to return here on an annual basis. Mallinckrodt charges \$50 for a mammography.

Follow-up testing may consist of

another X-ray, after an interval, to see if changes have occurred. Sometimes an examination by a physician is recommended or surgical testing of the tissue, that is, a "biopsy." About 80 percent of the abnormalities found are benign. In the Mallinckrodt sample from last year, cancer was found in 13 of the 298 women recommended for follow-up testing.

Meanwhile, another program aimed at combatting breast cancer was held in March and attended by 37 employees, including three men, on the first and second shifts at 3200 South 2nd St. and another 31 employees at 8900 South Broadway. (An interpreter for the hearing impaired was provided.)

The speakers were members of SHARE (Support Has A Reinforcing Effect), a group of breast cancer survivors associated with Barnes Hospital in St. Louis. "I don't think there's anything clearer than first-hand experience, and that's what this program gives us," commented Winans.

Lead computer assistant Barbara Parran (DSCBBA), who

attended on the second shift, called the presentation "very necessary and needed; it eased what fear I had in my mind and made me realize even more the special care I should be giving my body." Parran's supervisor, Pat Culiberk, spearheaded attendance on the second shift.

The employees learned about self-examination as a key to fighting breast cancer. According to Winans, in the three years the SHARE program has been offered at AC, at least five of those attending have subsequently consulted a physician after discovering an abnormality through self-examination. "One woman had a mastectomy, but you can be sure she had a great deal of support from this SHARE group."

Winans advised more women to take advantage of mammography screening and more women and men to attend the SHARE group presentations. "A minimal amount of our employees took advantage of these programs. Most did not, for one reason or another."

Breast cancer ranks second as a cause of fatalities among women. National statistics indicate that 1 in 10 women will develop breast cancer. Although 85 percent of breast cancers occur in women 50 years of age and over, only 15 to 20 percent of the women in this age group have ever had a mammogram.

"The high percentage of fatalities from breast cancer arises because people choose to remain ignorant," said Winans. The five-year survival rate for women with breast cancer whose disease is still localized at the time of diagnosis is 88 percent. "If the lump is small, it can be removed; the patient is then watched closely and may never have a lump again. If it's let go and the cancer spreads, it could become incurable."

Winans said that a woman "can feel pretty safe that there are no problems if three tests come out clear: self-examination, a mammogram, and an examination by a doctor."

Self-examination allows a

Continued on page 4.

Director's Hotline

The Director's Hotline is available for employees who have questions or suggestions for improvements in all areas. Some suggestions/questions that are received will be printed in the *Orienter*, along with an answer. Call 3-4178 24 hours a day. An answering machine will take your call.

It's 'Spring' Time...

by Jim Mohan

The Federal Executive Board is encouraging all federal employees to "spring into action" and do their part to help feed the hungry people of St. Louis. "Spring Into Action" is the name of the upcoming food drive sponsored by the FEB.

This is the second annual spring food collection effort. Unlike last year's one-week effort, this year's drive has been expanded to two weeks. "We felt we were just getting the momentum going

Vietnam Veterans Memorial Exhibit Will Be in Area

The Federal Executive Board has endorsed an effort to bring the Vietnam Veterans Memorial Exhibit to the St. Louis area.

The exhibit will be hosted by St. Louis University's Parks College of Aeronautical Technology in Cahokia, Ill., June 1-7 and is sponsored in part by the Vietnam Veterans Memorial Alliance.

The FEB encourages the participation of federal personnel in this endeavor to "ensure a high quality and memorable salute to all who served in Vietnam, particularly those who made the ultimate sacrifice, as reflected on the twin wall of the Vietnam Veterans Memorial," said David L. Petree, FEB chairman.

during last year's drive and suddenly it was over," said FEB Executive Director Jack Collis. "With a two-week drive, we hope that federal employees will catch the spirit and help us have an outstanding drive."

"Spring Into Action" will run from April 13-24. The Aerospace Center is one of 20 federal agencies slated to participate in the food-gathering effort.

In addition to the expanded length of the campaign, the Aerospace Center is changing the way donations are collected. In the past, there were two central receiving points for food at 3200 South 2nd St. and 8900 South Broadway. To maximize participation and to encourage competition during the upcoming AC drive, there will be collection points located in the department and directorate areas.

All of the food collected will be donated to the St. Louis Food Bank for distribution to food pantries, shelters of the homeless, and local charities.

To participate, just drop off your nonperishable food items at the specially marked "Spring Into Action" collection points in the departments and directorates.

Canned food is needed: soup, milk, meat, fruit and vegetables. Also, dry soup, oatmeal and other cooking cereals, and cheese dinners.

Food drive organizers hope AC employees pitch in and do their part to make "Spring Into Action" a big success.

"We are all aware of clothing, food and toy drives at Christmas

The poster features a central cartoon rabbit with long ears, running towards the right. It is holding a can of food in its right hand and another in its left. The rabbit is surrounded by motion lines, suggesting speed. Above the rabbit, the words "SPRING INTO ACTION" are written in a large, stylized, outlined font. The word "SPRING" is on the left, "INTO" is smaller and in the middle, and "ACTION" is on the right. There are several small flowers scattered around the text. Below the rabbit, there are two collection boxes. Each box is labeled "DEPOSIT FOOD HERE...". The words "FOOD DRIVE" are written in a large, bold, outlined font across the bottom of the boxes. Below the entire illustration, the text "APRIL 13 thru 24 - '87" is written in a bold, sans-serif font. Underneath that, the text "BRING YOUR CANNED GOODS OR NON PERISHABLE FOOD ITEMS AND DROP THEM INTO YOUR COLLECTION BOXES" is written in a smaller, bold, sans-serif font.

You Can Add Third Party to Calls

Did you know that you can add a third party to any existing two-way conversation? According to the Defense Metropolitan Area Telephone Service-St. Louis, users

add a third party:

1. Press down on the switchhook (one of the buttons where the handset rests when not in use); then release.

Bits And Pieces

From the Black Book:

If there ever was a Friday the 13th to remember, the one just past had to be the one as far as Public Affairs is concerned. It was one of those days when Murphy's number one law — "if anything can go wrong it will" — applied. In order of happenings — 1) traffic was terrible on the way to work; 2) the phone lines in the office decided to talk to each other and no one else; 3) the editor's computer went on the fritz; 4) the administrative computer, which contains all our mailing lists, began to act human doing what it darn well pleased; 5) the Orientor mailing labels to retirees were being processed, with major revisions, at the time the computer went astray; 6) all information entered was lost and the disk with the list was partially erased; backup disk doesn't contain all the new entries. What all this means is that it will take days to reconstitute the list and reenter all the new data and retirees didn't receive the issue of March 20th. We hope to have things back in order for the April 3rd issue (this one). All day March 13th I couldn't understand why things were going so badly, when normally 13ths don't create that much a problem. The answer came later that evening when I looked upward and saw the full moon. It takes a tremendous amount of good luck to overcome a Friday the 13th and a full moon. They tell me there is one more

The exhibit includes a half-scale replica of the Vietnam Veterans memorial wall in Washington, D.C., which lists the names of all servicemen killed in the war.

and Thanksgiving," Collis said, "but we must remember that hunger is a year-around problem. We need everyone's help and support."



The black funnel of a tornado has just been spotted! What can you do?

At home—If you do not have a tornado cellar, go to the basement and crawl under a heavy workbench or table. If there is no basement, take shelter in a small room or closet in the center of the house, on the lowest floor, under a heavy piece of furniture, if possible.

Outside—If you can get home or to another house quickly, take shelter there. But if you are a long way from any indoor shelter, lie down in a ditch or hollow in the ground, and put your hands over the back of your head for protection.

At the Aerospace Center, security police monitor a special radio tuned continuously to the National Weather Service broadcast system. A tornado warning indicates that a tornado has been sighted. When a tornado warning is declared for this area, supervisors will be notified. Supervisors are responsible for ensuring that employees are aware of the situation and that protective measures are taken. When directed by a supervisor, individuals should secure classified material and take cover. Aerospace Center disaster preparedness instructions, posted on official bulletin boards, list the shelter areas.

In Sympathy



Word has come of the death Feb. 25 of Kathleen E. Roedel, aeronautical information specialist, who retired from the Center in June 1974.

Mrs. Roedel began her employment at the Aeronautical Chart and Information Center in April 1952. She leaves her husband William, a daughter and son. Mr. Roedel was an aeronautical information specialist at the Aerospace Center until his retirement in May 1986.

Fitzwater Found In Florida City

Aeronautical Information Department employee, Gary Fitzwater, has been located in Panama City, Florida, according to reports in the St. Louis media and information from his family.

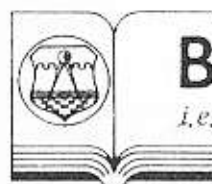
Fitzwater disappeared the morning of June 7, 1986 at the site of an automobile accident on Interstate 270 near the Jefferson Barracks bridge in South St. Louis County. His disappearance resulted in days of searching by police, co-workers and friends.

Mrs. Fitzwater, who met with her husband in Florida, told reporters that her husband apparently suffered amnesia during the months he had been missing.

2. Dial the third party.
3. After the party answers, depress the switchhook. (If the party does not answer, depress the switchhook twice.)
4. Begin three-way conversation.

Friday the 13th to come this year... if it's a full moon too, I'm not coming to work. (Programmed sick leave, Colonel.)

dlb...



Bookline

i.e., hot new books in the technical library.

DATA COMMUNICATIONS FOR PROGRAMMERS by Michael Purser. Issues and options for the software practitioner.

TIME, CHANCE AND ORGANIZATIONS by Herbert Kaufman. Theories on organizational survival and demise.

PRACTICAL PROJECT MANAGEMENT: RESTORING QUALITY TO DP PROJECTS AND SYSTEMS by Meilir Page-Jones. Fresh insights and practical recommendations on what makes DP organizations effective.

SOFTWARE QUALITY ASSURANCE AND MANAGEMENT by Michael W. Evans. How to plan, implement and control software development.

TELECOMMUNICATION NETWORKS: PROTOCOLS, MODELING AND ANALYSIS by Mischa Schwartz. Current and future aspects of a dramatically changing new field.

DOCUMENTING AN ORGANIZATION'S COMPUTER REQUIREMENTS by Mames M. Smith. Communication techniques for system users and systems designers.

HANDBOOK OF PATTERN RECOGNITION AND IMAGE PROCESSING edited by Tzay Y. Young. Includes new techniques, developments and applications.

IMPACT GEOLOGY by Allan O. Kelly. Did the earth collide with large asteroids millions of years ago?

MICROWAVE THEORY, COMPONENTS AND DEVICES by John A. Seeger. An introductory text with representative problems.

—Peggy Mechanic
Chief, Technical Library

Looking Back

TEN YEARS AGO . . . Peter Seale of DMAAC was presented a \$50 U.S. Savings Bond for his winning entry for the theme of the 1980 National ACSM-ASP Convention to be held in St. Louis. Presenting the bond was Convention Corporation Chairman George Cline. Seale's winning entry was "Progress with a Purpose" . . .

Gail Penn has reported for duty as the new Equal Opportunity officer for the Aerospace Center. She comes to St. Louis from a position as EEO officer for the Hydrographic Center in Suitland, Md. Miss Penn was a mail/file clerk when she transferred to the Naval Oceanographic Office from the Patent Office in 1963 and rose to a supervisory position. (Orientor, April 1, 1977)

TWENTY YEARS AGO . . . Flight aids produced by the Air Force's Aeronautical Chart and Information Center (ACIC) make an important contribution to the economy of the St. Louis area. Lt. Col. Glenn F. Howerton, ACIC program manager, told the Electrical Board of Trade at Union Station March 22.

The Center, which started 20 years ago with 650 employees and an annual budget of roughly \$5 million, now has more than 4,000 technicians and a budget of more than \$50 million.

Chart makers at the Center are "running to keep up with and even ahead of" the demand for maps, not only of every inch of the earth's land surface, but of the moon and planets as well," Colonel Howerton said. (Orientor, April 14, 1967)

THIRTY YEARS AGO . . . We're packing our maps and our charts/Our micromasters we're sending by mail/We're accounting for every last item/Before hitting that "Westward, ho!" trail.

It's westward, westward to Sain' Louie/Listen to the wagon wheels sing/" Missouri, Missouri, Missouri/We'll be on our way there come spring.

The Headquarters is calling for you/They want us and need us, you know/So we leave with no cry on our lips/Except "Chart Research, Westward, ho!"

(Pauline Green, ACIC Washington Office.)

George Bandemer left April 1 on a 27-month assignment with the IGY earth satellite program "Project Vanguard." After six months of training in Cambridge, Mass., and White Sands Testing Area, N.M., he will report to Villa Delores, Argentina, where he will man an optical tracking station. Valuable data will be collected on this project for chart production. (Orientor, April 12, 1957)

Retirements

Dan Schreiner Is a Communicator

EDITOR'S NOTE: This is the seventh in a series of articles suggested by Helen F. Johnson, coordinator for the placement of disabled employees. To quote Johnson, the series results from the fact that "greater recognition is due those employees who make significant contributions in spite of restrictions." Although Helen retires today, the impact of her purposeful energy on behalf of the disabled, as well as the Aerospace Center, will be felt for years to come.

"The only thing different about deaf people is that we can't hear," said Dan Schreiner (CMDOB), "but that should not prevent communication between us — between the deaf and the hearing."

A second-shift computer operator in the Management ADP Division, Schreiner is worth listening to. His message to both hearing and deaf people is, "You have to try. You can reach your goal if you want because I did."

Dan acknowledges that he has had to try harder than most hearing people, but there's no bitterness in his clear speech. His subliminal message is the warmth of a person who has gained much and wants to share with others, regardless of their ability to hear.

Dan learned to read lips at St. Joseph Institute for the Deaf in University City, Mo. Later, he attended Ritenour High School in St. Louis County, graduating in 1980. He returned to a deaf environment at the National Technical Institute for the Deaf in Rochester, N.Y., but decided he



Photos by Jim Stepanik



Above, computer operator Daniel Schreiner (seated) discusses a program run on the Aerospace Center's base operations computer, the Sperry 1100/62, with his supervisor, John Watford. At left, they share a light moment.

the Social Security Administra- out. "Some talk, not perfect, and

aeronautical information specialist, retired March 27 with 35 years of federal service. Starting in March 1952, she was a cartographic draftsman and compiler with the U.S. Geological Survey in Rolla, Mo. She came to the Aerospace Center in March 1956 and worked a year in Photogrammetry before transferring to the Aeronautical Information Department. Her retirement plans include "extensive travel, especially camping, fishing and sight-seeing throughout the U.S. and Canada."

Robert D. Smith (SDAT), retired March 28 with more than 35 years of federal service. He was an Army officer in Japan and Korea during the Korean war. As a civilian, he worked in the Special Maps Branch of the Geological Survey in Washington, D.C., before transferring to the Aerospace Center in 1958. He has worked in Chart Research, Geoscience and Missile Support, as well as the Scientific Data Department. He also initiated the preparation of three maps to support the historical trails committee of the St. Louis Area Council of the Boy Scouts. "My retirement plans include

book and peregrination," he said. Also, volleyball, tennis and reading.

Charles E. (Charlie) Woolf (CMMM), management analyst, retired March 28 with more than 34 years of federal service. During the Korean war, he was a combat medic in the Seventh Infantry Division, 31st Infantry Regiment. As a civilian, he became an administrative supply technician in the Missouri Army National Guard in 1954. He remained with the Guard as a civilian until 1975, when he came to the Aerospace Center. He continues to serve as a reservist in the Army National Guard.

Woolf plans to stay in the St. Louis area, fish and visit friends. "I thank God for my good health; I had 2828 hours of sick leave to add to my retirement," he said. "I also take this opportunity to express my appreciation to the people of DMAAC for the prayers and words of comfort during the critical times of my wife's battle with cancer. Words cannot adequately express my rememberable feelings towards you. So long and good luck to all of you."

McEwen Delivers Keynote Speech

Hazel McEwen, Federal Women's Program Manager for the Aerospace Center, was the keynote speaker at a banquet climaxing a recent "Career Awareness Conference" for employees of the Postal Service in St. Louis and Kansas City.

Speaking as president of the FWP Council of Metropolitan St. Louis, McEwen delivered a "high-powered" speech supporting postal

employees, according to a postal employee magazine. "She left no one guessing or without confidence" concerning the value of postal employees to the community.

In her speech, McEwen told a true story about the role the post office played in helping her to get in touch with her mother after she had been kidnapped at the age of 5.

The banquet was held at the St. Louis Marriott Airport Hotel.

streaming," so, after six months, he returned here and enrolled in St. Louis Community College at Florissant Valley. He is now a few credits shy of an associate's in civil engineering.

Before coming to the Aerospace Center in October 1984, Schreiner was a computer operator at the St. Louis Postal Data Center.

On most days, before reporting to the Aerospace Center, Dan has already put in at least two hours as a tutor for deaf students in Project Ability at Flo Valley.

Working with the base operations computer can be hectic at times. According to supervisory computer operator Steve Toolen (CMDOA), "the second shift is a busy shift. That's the time when we process end-of-day jobs that we get from remote on-line terminals. Dan has to key in a lot of commands, and there are constant messages to respond to. He has to create files on tape, print out listings, and a lot of special forms have to be printed."

Schreiner's supervisor John Watford says simply, "I'd hate to lose him. All you have to do is show him the way, and he'll complete the job. But he wants to move on."

Dan's plan is to apply for a position as a cartographic clerk through the Upward Mobility program and eventually qualify as a cartographer. "This attracts me because I'd like to put my computer background and engineering together," he said. He's also had experience in surveying as a rodman for the Missouri Highway Department, a job he held in the summer of 1983, when he worked a 13-hour day because of another job as a computer operator at Washington University.

Married last August, Dan and his wife Donna, a data transcriber for

English and some don't. My sister, she's deaf, but she can talk on the phone. I can't." (Schreiner's older sister is a draftsman for the highway department in Indiana. His other sister is a programmer-analyst at the Army Aviation Systems Command in St. Louis. He also has an older hearing brother.)

The range of frequencies the deaf can hear also vary, Dan said. "I can hear low bass but not high treble. If somebody slams a door behind me, I might hear it. Others can hear treble but not bass. My wife hears treble. She'll say 'That's a siren,' and I'll say 'what siren?' We are all different."

The important thing, of course, is communication, and that's something that Dan Schreiner does very well.

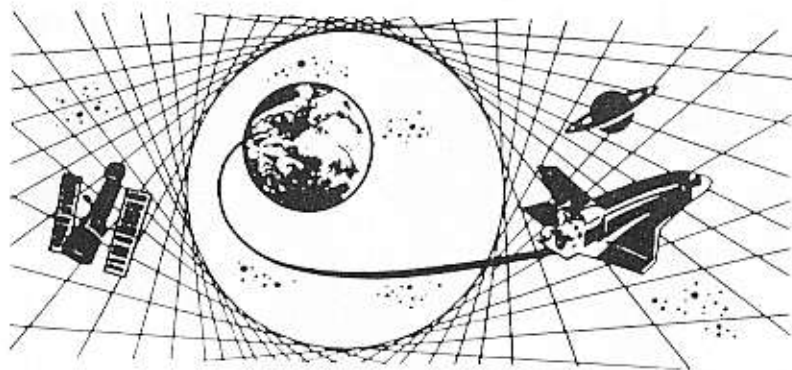
The ability to talk varies widely among the deaf, Schreiner pointed

Orientor

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ST. LOUIS 1988 ACSM-ASPRS CONVENTION

'The World in Space'

Planners Ready for Convention

The St. Louis Convention Corporation is finalizing plans for the annual convention March 13-18, 1988 of the American Congress on Surveying and Mapping (ACSM) and the American Society of Photogrammetry and Remote Sensing (ASPRS). The convention, under the direction of George Cline, will be held at the St. Louis Convention Center.

St. Louis, in 1974, was the first city outside of Washington, D.C., to host an annual convention, and this will be the third one hosted by the local organization. The theme for this one is "The World in Space."

Final plans for the key components of any convention — exhibits and programs — have been completed. Dave Alspaugh designed the exhibit floor space in the convention center and will distribute almost 1,000 exhibitor package contracts to national and international corporations. Jerry and Roberta Lenczowski have issued the call for papers and will manage the ACSM and ASPRS programs respectively.

Other deputy directors and key personnel working to finalize plans for their area of responsibility are R. D. Olsen — registration, Laura Thompson — entertainment, S. G. Richards — sessions, J. D. Bauer — printing, B. J. Barsh — administration and lodging, J. T. Hemple — special activities, W. G. Hemple — protocol and student activities, W. T. Tucker — public relations, J. J. Becker — director, Sam Ivory — deputy of finance, J. R. Skidmore — technical advisor, and N. Michalas — special consultant.

With the continued support of St. Louis ACSM/ASPRS members, we hope to retain the outstanding recognition that St. Louis has received for hosting past ACSM/ASPRS conventions, while providing mapping,



A Good Move

Joe Houlihan (foreground, both photos) and Bob Cassady of Roads and Grounds (FEMFG) prune crabapple trees that were transplanted from the Parade Ground in front of E Wing to the east sides of Building 1 and 22. "There was a 90 percent chance they would have been killed during the construction of the E Wing addition if we had left them where they were," said Roads and Grounds foreman Dave Askew. "All but one of the trees have survived the transplant and are doing well." Flower planting is next, while at South Annex, more trees are planned for the lake banks.



Photos by Jim Stepanik

Tennis Sign Up

Employees and spouses are invited to sign up for the 1987 tennis league. All levels of play are available from beginners to "almost average." To register, contact Jim Frederick/4215, Sue Paige/4503, Bob Jones/4671, or John Goodwin/4088 by April 15.

Screening Program Gets Results

Continued From page 1.

woman to discover any changes herself on a month-to-month basis. "Changes are more frequently picked up by a woman or her mate than by a doctor," Winans said, "because a doctor doesn't know it's a change for the woman unless she tells him, especially at an early

stage."

Winans added that men are frequently the ones who pick up a change in their mate. "The men who took part in the SHARE program were great participants and asked a lot of questions. Men can provide great support to a

partner if cancer should show up. I wish more men would participate." Winans added that men are not immune to breast cancer.

Mammograms can detect abnormalities that might not be noticeable. Mammograms are necessary to rule out any problems that can't be detected by a woman or her doctor. Finally, a doctor's examination is necessary as a confirmation of good health, or as the case may be, the starting point for diagnosis and treatment.

The dispensaries at 2nd Street and South Annex have available packets from SHARE that explain the techniques for self-examination.

Bowling

At Shrewsbury Lanes

Joan Hric picked the 6, 7, 10 split, as did Jack Harmon. Tony Tyus picked the 4, 7, 10 split.

Dale Crittenden shot a 202 game and a 208 game, with a 559 series, 124 pins over average. Great shooting, Dale!

Greg Battle bowled 116 pins over average and Al Sykes 105 pins over average. Ray Hric rolled a 601 series with a 236 game. Denny Dummeyer shot a 244 game.

High team series goes to 1st St. Alley Cats — 2603.

—Ginny Woehrl

Colon-Rectum Cancer Testing This Month

The Medical Care Division will be screening for colorectal cancer during April.

Cancer of the colon and rectum accounts for 54,000 deaths annually, and more than 120,000 new cases are diagnosed each year. Males are affected slightly more often than females. The highest incidence occurs in patients over 50 years old.

The potential for saving lives is greater for colorectal cancer than for most other types. The most common symptoms are blood concealed in the stool, constipation alternating with diarrhea, lower abdominal pains (cramps), and distention.

The Medical Care Division is offering self-testing kits to determine the presence of occult, or hidden, blood in the stool. These kits, which have easy-to-follow instructions, can be picked up at the dispensaries at 3200 South 2nd St. and 8900 South Broadway during April. Return your specimen to the dispensary and the nurse will do a fast, simple analysis to see if there is any occult blood in your specimen. (Anyone with bleeding from other known conditions, for example, hemorrhoids or menstrual bleeding) should not take the test while such bleeding is active.

—Helen Harden, R.N.



Graduates of Orientation for Cartographers and Geodesists, Class 86-B, are pictured. In front, from left: Charles Chapman—Southeast Missouri State, Jimmie Erwin—Louisiana Tech, Paul Yee—New Mexico State, Mary Sanders—Northwest Missouri State, Patricia Drury—University of Missouri-Columbia, Joanne Wolski—Winona State (Minnesota), Donna Logan—University of Oklahoma, Darrell Burke—Mesa College (Colorado), and Thomas Adams—Utah State. Back row, from left: William Gray—Southwest Missouri State, James Hanna—Oregon State, Richard Myhra—University of Iowa, Stanley Molenda—Eastern Michigan University, Howard Small—Montana State, Steven Bruno—Central Michigan State, John Sindel—Southwest Missouri State, James Boever—Southeast Missouri State, John Albers—University of Missouri-Columbia, Mark Disney—Arizona State, Christopher Deruiter—Wayne State, Trent Dewees—Ball State, Scott Spaunhorst—Tulsa University, and Paul Callahan—San Francisco State.