

## Record Peace in Europe



AFPS

The current stretch of peace in Europe is the longest since the days of the Roman Empire.

So noted Secretary of Defense Caspar W. Weinberger recently in remarks to the World Affairs Council of Boston.

"... The common efforts of the members of the NATO alliance have kept the peace for 36 years," he said. "That period of time—about a half a lifetime—is already approaching twice the number of years between the two world wars and, indeed, half the people alive in Western Europe today were born since Germany surrendered. It has been one of the longest periods of peace in Europe since the dissolution of the Roman Empire."

### Armed Forces Day - May 15

### *"Peace Through Strength"*

# Orienteer

DEFENSE MAPPING AGENCY AEROSPACE CENTER

Vol. XXIV, No. 10

May 7, 1982

## GA Project at South Annex Begins



Facilities modification work at South Annex will involve construction of a parking lot to the south (left) of Building 2 above. The long one-story building is being converted into a complete facility for all functions of the Graphic Arts Department.

Work began in April on the extensive remodeling of Building 2 at 890 S. Broadway in preparation for the consolidation of all functions of the Graphic Arts Department at that location.

The approximately \$5 million dollar project includes conversion of the existing warehouse into a printing facility, photo lab, bindery, administrative offices and storage area. The work is being performed under a contract with the Army Corps of Engineers by HED Contractors, Inc., of St. Louis. Design parameters for the project were provided to the Corps by the Aerospace Center Directorate of Facilities Engineering, Major George A. Jacoby, director.

The present quarters of the Graphic Arts Department in Building 38 will be renovated for administrative and computer areas under a separate contract, scheduled for a later date.

Robert Miller, representative of the Army Corps of Engineers for the work at South Annex, said it would take approximately a year to complete the work. In addition to the building work, a parking lot will be constructed on the south side of Building 2.

Aerospace Center liaison officer

## Savings Bond Campaign Underway

Canvassers are busy contacting fellow employees at the Aerospace Center this month to sign them up for the purchase of United States

## Long-Term Training Selections Announced

The Executive Resources Board has recommended candidates for the Center's long-term full-time training during academic year 1982-83 and the director has concurred on those selections.

The following listing identifies the individuals selected, their

University; Stanley Ogborn, Purdue; Kevin M. Isam, Purdue; Thomas E. Beisano, Purdue; Patricia A. Hudson, Washington University.

Computer Science program: Pamela H. Krause, University of Missouri, Rolla/St. Louis; Robert

## 'Dryden File' To Be Shown

"The Dryden File" will be shown at the Aerospace Center next week, the Employee and Career Development Division (PCDD) has announced. The film, required viewing for supervisory staff who have not yet seen it, provides in-

chosen by the Defense Mapping Agency to conduct its annual campaign.

Chairperson of the campaign for DMA is Director MG Richard M. Wells, USA, Aerospace Center Director Col. J. W. Small is chairperson for the Aerospace Center, with Director of Civilian Personnel Richard A. Vierling, vice-chairperson.

The U.S. Treasury Department is seeking legislation that would enable interest on Savings Bonds to be paid at a "market-based" variable rate. Conassers can explain the details.

A campaign goal of 50 percent participation in the Savings Bond program has been established for Federal employees. The Aerospace Center participation rate was at 70 percent a few years ago, though it is presently 22 percent.

The federal income tax on interest from Savings Bonds can be deferred until the bonds are redeemed. Savings Bond interest is exempt from state income taxes. Bonds are redeemed at local banks.

they will attend:  
Geodetic Science program: John K. Factor, Ohio State University; David M. Gleason, Ohio State

## Scott Commander To Address AFA

Colonel Gary K. Spencer, base commander of Scott AFB, will be guest speaker at the Spirit of St. Louis chapter Air Force Association annual Airman Awards Dinner May 21.

The purpose of the dinner is to honor outstanding airmen of the St. Louis area.

The meeting will be held at Le Chateau Restaurant, 10405 Clayton Road in Frontenac. Social hour begins at 6:30 p.m. Dinner featuring roast top sirloin, parsley potatoes, broccoli and chef salad is at 7:30, followed by Colonel Spencer's speech and presentation of awards.

Tickets are \$12.50. Attendance is open. For additional information contact Eric Alexander—4181 or Orville R. Blair—8372.

Missouri, Rolla/St. Louis; Deborah G. Mitchell, University of Missouri, Rolla/St. Louis; Vornae V. Weir, University of Missouri, Rolla/St. Louis; Janet S. Wray, University of Missouri, Rolla; Cynthia J. Miller, University of Missouri, Rolla/St. Louis; William B. Holtz, University of Missouri, Rolla; Mary Ann Moses-Toenjes, University of Missouri, Rolla/St. Louis; Jo Ann Cranin, University of Missouri, Rolla/St. Louis; Robert E. Jett, University of Missouri, Rolla/St. Louis.

Auto Carto: Eric Hilberg, Ohio State University; Christopher D. Cuppan, Ohio State University.

Systems Engineering: William W. Fryer, University of Missouri, Rolla.

Management Science: Arthur E. Asodin, Naval Post Graduate School; William R. Calk, Naval Post Graduate School.

Photogrammetry/Remote Sensing: Mark H. Hoemann, Purdue; Michael M. Meenchan, Purdue; Gary A. Duncan, Purdue; James R. Rothave, Purdue.

## Kristmann Retires

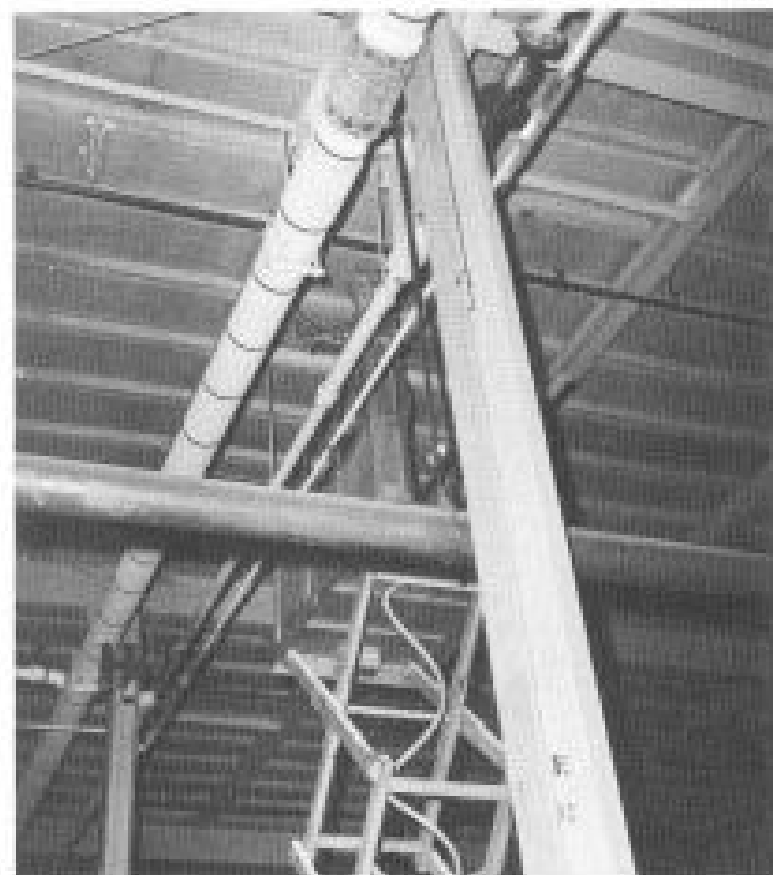
Assistant Deputy Director of the Directorate of Plans and Requirements John A. Kristmann retired April 29. He began his federal career while a student at Cleveland High School, working at the post office during Christmas vacation. He also served in the Army Infantry from 1948 to 1948 before joining the Aerospace Center in June 1948.

Kristmann's original assignment

continued on page 2.

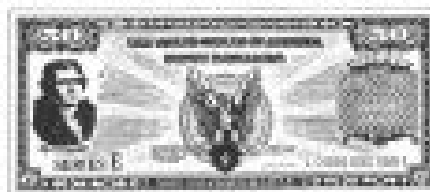
in dealing with employees displaying performance problems. Staff of the employee Assistance Office will be available for discussion. The film will be shown Tuesday, May 11, at 1:30 p.m. in the Training Room 1B in Building 24.

of the Construction Management Office in the Directorate of Facilities Engineering. McGarock arrived for duty in April following his retirement from military service. He was formerly the assistant in charge of service contracts at Robbers AFB, Ga.



Bob Moore of Guarantee Electrical Co. of St. Louis, a subcontractor in the Building 2 remodeling project, is hidden among the pipes as he installs conduit to hold wiring for electrical power and communications equipment. More than 100,000 lineal feet of the steel tubing are being installed throughout the building to accommodate the Graphic Arts Department when it moves to South Annex. (Photo by Ed. Mallen.)

## Take stock in America.



Bonds are safe. If lost, stolen, or destroyed, we replace them. When needed, they can be cashed at your bank. Tax may be deferred until redemption. And remember, Bonds are a proud way to save.



DEFENSE MAPPING AGENCY  
 DIVISION OF THE U.S. ARMY DEPARTMENT  
 WASHINGTON, DC 20315

8 0 APR 1982

PA

SUBJECT: Armed Forces Day

TO: Director, DMA Aerospace Center  
 Director, DMA Hydrographic/Topographic Center  
 Director, DMA Office of Distribution Services  
 Director, DMA Inter American Geodetic Survey  
 Acting Director, DMA Special Program Office for Exploitation  
 Modernization  
 Director, Defense Mapping School

1. It is fitting that one day each year is set aside to salute those men and women who serve in our Nation's Armed Forces throughout the world.
2. At the Defense Mapping Agency, the traditions of military mapping date from the earliest days of the United States, traditions developed by a working team of military and civilian personnel which is stronger today than ever before.
3. As we at DMA observe our decennial year, let us reflect upon the efforts of those who marked the trail before us, and rededicate ourselves to the challenge that lies ahead in the vital area in which we work.
4. To all those military and civilian members of the Defense Mapping Agency who contribute so significantly in support of the Armed Forces, I send my personal best wishes and my appreciation of the job being done so well by DMA people around the world.

  
 RICHARD H. WELLS  
 Major General, USA  
 Director

## Mother's Day: An American Custom

The custom of observing a special day in honor of mothers began in Philadelphia at the suggestion of Anna Jarvis. In May 1908 Miss Jarvis asked the Rev. William May to conduct a private memorial service at her home in memory of her mother.



The next year the service was moved to the Andrews Methodist Episcopal Church of Crafton, W.

### Lt. Pepper Arrives

First Lt. Hildred Pepper, USAF, arrived April 19 from Scott AFB, Ill. for a three-year tour as an acquisition officer in the Directorate of Logistics. He holds a B.S. degree in finance from Mississippi State University and is currently working toward his master's degree in management at Webster College.

### Addiction is Topic

"The Symptoms of Addiction," an informal discussion with J. Mike Powers, will take place Monday, May 10, in Training Room 1B of Building 36. Powers is coordinator of consultation and education at Hyland Center, a division of St. Anthony's Medical Center. Sessions will be held at 11, 11:30 and 12.

Va., where Miss Jarvis' mother had been a long and faithful member. Dr. H. C. Howard conducted the service in honor of all mothers, and thus Mother's Day was born.

Observance of Mother's Day expanded rapidly to other churches. By 1911 every state in the union and several countries held special Mother's Day observances.

The carnation, Mrs. Jarvis' favorite flower, soon gained acceptance as the symbol of Mother's Day. A red carnation is worn in honor of one's mother or a white one is worn in her memory if she is no longer living.

Mother's Day received its official designation from Congress in 1914. This Sunday mothers will again be remembered with flowers, cards, candy and a day of rest from work.

### In Sympathy

Word has been received of the death April 18 of Jules (Jack)



F. Kinkead, former employee in the Cartography Department. A federal employee for more than 30 years, Mr. Kinkead retired from the Aerospace Center in May 1971.

He leaves his wife, Gladys. Interment was in Memorial Park Cemetery.

## Surviving a Tornado On the Job and Off

Due to conditions that are unique conditions it will activate shelter in hallways or in small, manager and alternate, responsible for registering individuals stretchers. On the job

made deaths in the entire world occur in the United States, according to the Federal Emergency Management Agency (FEMA). On the average, 700 tornadoes occur annually in the United States, killing at least 100 people.

The St. Louis area in particular is rated by FEMA as a moderate-to-high tornado threat area.

Tornadoes may occur at any time of the year. However, spring and fall are times of particular vulnerability because of the rapid fluctuations in temperature that occur during these seasons. A cold front moving over a layer of warm air creates the kind of turbulence that spawns tornadoes, Jerry Sundberg, the Aerospace Center's emergency actions officer explained.

When the possibility exists that tornadoes may develop, the National Weather Service issues a TORNADO WATCH and specifies the counties where the possibility exists. (See map of counties in the St. Louis area on right.) When a tornado has actually been sighted, the Weather Service issues a TORNADO WARNING and again specifies the area of danger.

On or off the job, in either of these situations, certain steps should be taken to protect life and property:

#### On the job

At the Aerospace Center, security police in the lobby of Building 30 monitor a special radio tuned continuously to the National Weather Service Broadcast System. Though the radio is normally silent, the audio can be activated manually at any time to obtain the latest weather information, and during emergency

Security police officers are also for informing the Aerospace Center director, emergency actions officer and other key officials when a tornado watch or warning is broadcast. Directorate, department and staff offices are subsequently notified via the director's telephone hot line. They, in turn, must notify all subordinate organizational elements.

When a TORNADO WARNING is declared, supervisors are responsible for ensuring that all employees are aware of the situation and any protective measures they are to take. 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 Building 30, they are in the basement, first, second, third and fourth floor hallways. Two additional shelters are in the basement and first floor of the new wing.

Persons in the outlying buildings at Second Street are instructed to go to shelters in Building 34. However, if time does not permit, they should find a heavy desk away from windows and crawl under it, Sundberg advises. According to FEMA, over 90 percent of the people killed by tornadoes are struck by flying and falling debris.

For employees at 8900 S. Broadway, the designated shelter area is the Lemay Sewage Treatment Plant. Security policemen will unlock the gate in the southwest fence to provide easy access to the sewage plant shelter area. However, if time does not permit, employees should seek

leaving work. After a tornado warning has been declared, the director delegates to the chief of the Aeronautical Information Department authority to direct protective, survival and recovery activities at South Annex.

The shelter areas in Building 30 each have a designated shelter

who report to the manager and following procedures outlined in a handbook prepared by the emergency actions officer. Each of the shelters is also assigned a three-person medical emergency team of employees trained by Medical Services. Shelters are equipped with first-aid kits and

announced, stay tuned to the radio or TV station for updates. A battery-powered radio is advisable in the event that electrical power is lost. This is also the time to get loose objects inside or securely tied down.

If a TORNADO WARNING applicable to your area is announced, take cover as follows:

-In office buildings, move to an interior hallway on a lower floor.

-In auditoriums, leave the room if at all possible. Wide, tree-span roofs are dangerous in tornadoes.

-At home, go to the basement or ground floor. Avoid windows and seek cover under a piece of sturdy furniture like a bed.

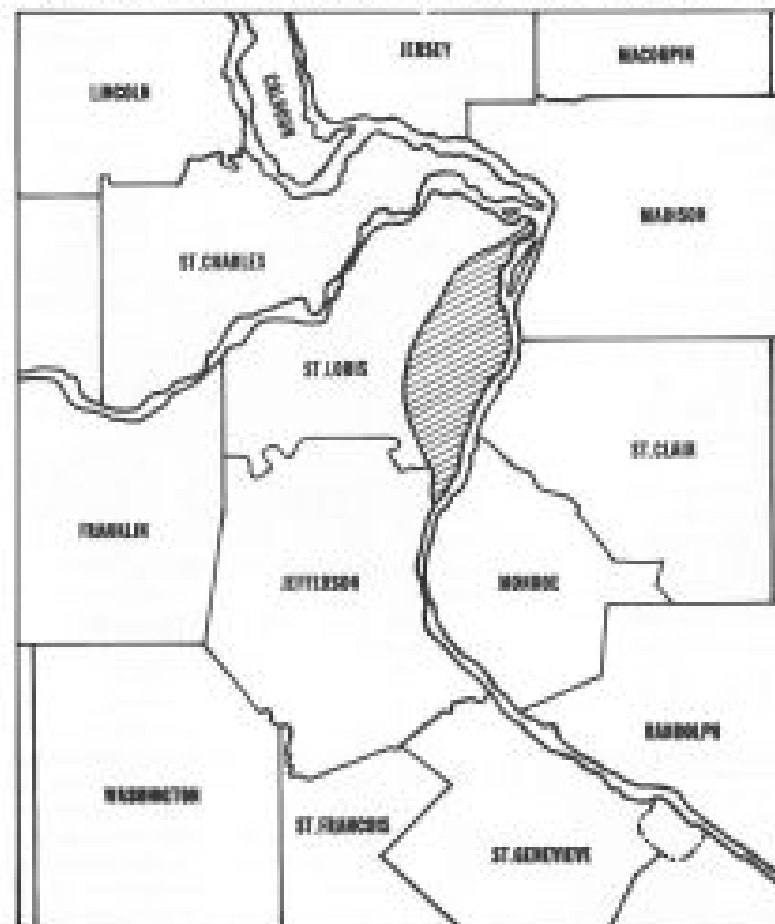
-In a trailer or mobile home, move to an area far enough away from the mobile home to avoid being injured if it is overturned. All mobile homes should be tied down, but in any case, don't stay in them.

-In open country, move away from the tornado's path at right angles. If there is not enough time to move into shelter or to avoid the tornado, lie flat in a ditch. Do not stay in your car!

In many areas, Tornado Warnings are accompanied by a steady siren blast lasting three to five minutes.

If you observe a tornado, report it to the National Weather Service, giving its location and direction of movement. The number is listed on the inside cover of many phone books.

Until recently persons in a tornado were advised to open windows on the assumption that it relieves pressure. However, the idea has been thoroughly disproved, according to Sundberg. "DON'T open windows and stay away from them!" he emphasized.



As TV viewers interrupted while watching their favorite program close, the National Weather Service specifies a Tornado Watch or Warning area by announcing the counties involved. Clipped and posted next to the TV set, the above map can provide useful information in determining the approximate location and direction of a tornado. (Map drawn by Lucille Sutter, Graphic Design.)

## Kudos

### JA Banquet

The Aerospace Center Director, Col. J.W. Small, recently led a delegation of Junior Achievers and their advisors from companies sponsored by the Center to the 33rd annual "Future Unlimited Banquet." The banquet officially concluded activities of the 1981-82 Junior Achievement year.

Junior Achievers Nolan Wheeler and Mike Congemi, both members of an Aerospace Center sponsored company, attended the banquet with the colonel. Mike is the son of Nick Congemi, GAT.

Individuals honored for their contributions to JA included Livingston Sykes, SDT, who received a five-year service award.

### Policeman of Month

In being selected Security Policeman of the Month, Fred Morlock was cited for his quick response to an accident involving a contractor's truck at South Arnes. The truck accidentally knocked down a light pole, which also caused a gas line leak. Morlock immediately notified Union Electric Co. and Laclede Gas Co., who were both on the scene shortly making repairs.

Morlock's federal service totals more than 36 years, including duty with the U.S. Army from 1942 to 1963.

### Fine Artist

Former Aerospace Center employee Ren Wells is one of 10 artists whose works are presently being exhibited as part of the

## A Reminder For All Retirees

Don't forget the luncheon meeting of the Aerospace Charting Seniors Wednesday, May 12, at Grant's Cabin. All retirees and their spouses are welcome, but reservations are necessary. Contact Gloria Powers at 351-8788.

## Employee Retirements Announced

continued from page 1.

with the Aerospace Center was as a chart compiler in the Cartography Department of the former Aeronautical Chart Plant at 13th and Delmar. He worked 10 years in the Cartography Department as compiler, editor, compilation supervisor, production manager and chief of the Chart Revision and Air Target Materials Branches. Later he moved to the former Photogrammetry Department as chief of the Edit Branch.

Kristmann's first Plant-level assignment was as chief of the Production and Distribution Plant Production Engineering Office. He was subsequently assistant chief and chief of the Plant's Production Management Office and chief of the Charting and Aeronautical Products Division in the Directorate of Programs, Production and Operations.

Kristmann joined the Directorate of Plans and Requirements as chief of the Navigation/Aeronautical Systems Branch.

## ORGANIZATIONS AT THE AEROSPACE CENTER

### AGU Promotes Geodetic Research

The American Geophysical Union (AGU) is a scientific society that promotes professionalism and scientific research in geology and geophysics. Membership is available to all professional geodesists and geophysicists, as well as to those who have an interest in these subjects.

Geodesy, incidentally, is defined as "a branch of applied

mathematics that determines the exact positions of points and the figures and areas of large portions of the earth's surface, the shape and size of the earth, and the variations of terrestrial gravity and magnetism."

The AGU serves its members through an active publications and meetings program. A weekly newspaper contains articles of

timely interest, while the Journal of Geophysical Research, published three times a month, is widely recognized as the outstanding journal in its field.

National meetings of the AGU are held twice yearly—on the east coast in the spring and at San Francisco in December. The meetings serve as a forum for presentation of a variety of scientific papers and for discussion of issues of current interest to geodesists and geophysicists.

The Metropolitan St. Louis Branch of the AGU includes scientists and professionals from the Aerospace Center, as well as several local universities and corporations. Meetings are held four or five times a year at different locations. Officers of the Branch are elected by the membership and serve two-year terms.

The AGU welcomes to its meetings anyone with an interest in geodesy, geophysics or the topic of the evening. Inquiries concerning membership or the programs of the AGU may be directed to Lew Wilcox—4851 or Bill Boyer—4801. National dues are \$20 per year. Metropolitan St. Louis Branch dues are \$2 per year.

chairman of the St. Louis Section. He has also served as secretary of the Aeronautical Charting Committee of the Pan American Institute of Geography and History and as president and board director for 15 years of the Arsenal Credit Union.

Earlier this week a retirement social was held in Kristmann's honor.

**JACKSON BOWLES (LOSA)**, an inventory management specialist, retired April 30 with more than 20 years of federal service. He began his federal career in 1943 with the Engineer Department at Large in St. Louis. A year later he enlisted in the U.S. Navy, serving until October 1945. He returned to the Engineer Department at Large and then transferred to the Army Finance Center in St. Louis before accepting employment in the private sector. Bowles came to the Aerospace Center in October 1969.

**IMOGENE P. BOWMAN (GDMAA)**, a cartographer, retired April 30 with 27 years of federal

April 9 with more than 27 years of federal service, including 21 years and two months at the Aerospace Center.

**JAMES M. CANNON (GDLBA)**, a photogrammetric cartographer, retired April 2 with more than 30 years of federal service, including 27 years and 10 months at the Aerospace Center.

**EUGENE M. FEDOR (ADDSB)**, a supervisory aeronautical information specialist, retired April 30 with almost 32 years of federal service, including 28 years and seven months at the Aerospace Center. Fedor said working around the house and fishing would be part of his retirement activities.

**RUSSELL C. KLOS (CDVAB)**, a photogrammetric cartographer, retired April 2 with more than 37 years of federal service, including 33 years and six months at the Aerospace Center.

**MABEL L. PARKER (CDABA)**, a photogrammetric cartographer,



Boston University. His former co-workers say Ron got his start as an employee of the Paint Shop here.

American Congress of Surveying and Mapping, serving as a national director and as director and

THOMAS J. BUECHLER (FPGG), a cartographer, retired

years of federal service, including 29 years and 11 months at the Aerospace Center.

FRANK W. SCHIE JR. (GID-DAC), a supervisory photogrammetric cartographer, retired April 30 with more than 31 years of federal service, including 27 years and nine months at the Aerospace Center.

RUAL WILEY (SSA), a cartographic technician, retired April 7 with more than 27 years of federal service. He began his career in the U.S. Navy, serving in the South Pacific for two years. He worked nine years at the Army Finance Center, 4300 Goodfellow in St. Louis, before coming to the Aerospace Center in 1964.

Dr. Luman E. Wilcox (right), president of the AGU's Metropolitan St. Louis Branch and his successor, Dr. Charles R. Chubb of McDonnell Douglas Corp., the current president-elect. Dr. Wilcox will step down from his second two-year term as president July 1. He joined the Aerospace Center as a member of the former Washington Detachment in 1954. His present position is physical science project officer in the Techniques Office of the Geospatial Data Department. Dr. Wilcox also teaches courses in geology at Washington University. He earned his master's and doctorate in geology and geophysics from the University of Hawaii.

## ACSM Makes Science Fair Awards

Three area students received special awards from the American Congress on Surveying and Mapping during the recent Monsanto/Post-Dispatch Science Fair.

Winning a \$100 U.S. Series EE Savings Bond in the secondary school category was Laura Hoernske of St. Joseph's Academy. Her display was titled "Map-making: Cylindrical and Conic Projections" and was entered in the Senior Physics-Mathematics and Computer Division. Laura's objective was to show how map projections are made and then to find their accuracy. She modeled the projection of the round earth onto a cylinder and cone and then mathematically determined the accuracy of her projections. She

concluded that the conic projection was slightly more accurate based upon her measurements and computations.

Winning a \$50 U.S. Series EE Savings Bond in the secondary school category was Michael Fisher of Washington Junior High School. His display was titled "Measuring Gravity" and was entered in the Grade 7 Physics-Earth and Space Division. Michael's hypotheses were that because the earth is not a perfect sphere the force of gravity should increase as we get further from the equator because the radius of the earth is decreasing, and similarly, at the same latitude the force of gravity should be greater at lower elevations and less at higher

elevations. Using gravity station data obtained from the U.S. Coast and Geodetic Survey, Washington University and Northern Illinois University, and elevation data from a U.S. Geological Survey map Michael proved his hypotheses graphically.

Winning a \$50 U.S. Series EE Savings Bond in the primary school category was Anne Jeffrie of Willow Brook School. Her display was titled "What is the Latitude of St. Louis?" and was entered in the Grade 6 Physical Sciences-Earth and Space Division. Anne knew that the sun would be directly over the Tropic of Capricorn, 23 degrees south latitude, on December 22. On that date she measured the angle of the sun overhead at noon here in St. Louis by using an upright pointer stick of known length, measuring the length of its shadow. Using graph paper and a protractor she determined the angle formed to be 62 degrees. Subtracting the 23 degree south latitude from this result she obtained her value of 39 degrees north latitude for St. Louis.

Judges from the ACSM were Ronald Olsen, first vice chairman of the St. Louis Section, and Bernal Powers, education committee chairman.

Jack Harris, chairman of the St. Louis Section, presented the Savings Bonds to the students at the joint ASP-ACSM-AGU meeting held April 23, which featured Walter Scott of NASA as guest speaker.



The science fair exhibit at left earned Laura Hoernske of St. Joseph's Academy a \$100 U.S. Savings Bond from the ACSM. At right, Anne Jeffrie of Willow Brook School receives a \$50 Bond from ACSM Section Chairman Jack Harris.



Officers of the Metropolitan St. Louis Branch of the American Geophysical Union are, from left, Dr. Luman E. Wilcox, president; Donald F. Lingle, treasurer; and Bill Boyer, secretary.

# Sporting Events Announced For Second Annual Picnic

The Civilian Welfare Council (CWC) and the Sports and Recreation Council (SRC) have announced the sporting events that are to take place at the second annual Aerospace Center Picnic June 12. This year's sporting events will be categorized into age groups of kids games (12 and under), teen games (13-17) and adult games (18 and over).

Department and directorate competition will be the feature of the picnic with each department and directorate competing for the DMAAC Picnic Sporting Championship. Only the adult games will count toward department and directorate competition. Ribbons will be awarded to the winners in the kids games and teen games. Individuals in the adult games will be competing for gold, silver and bronze medals for first, second and third places in each event.

Rules for the picnic sporting events are as follows:

1. Competition will be open to all Aerospace Center employees, their dependents and guests.

2. Only DMAAC employees and their dependents will be eligible for medals and ribbons as stated in the CWC by-laws. A dependent must meet all the following guidelines:

a. The dependent must have a sponsor currently employed at DMAAC.

b. The dependent must be a daughter, son, husband, wife, or stepchild of the sponsor.

c. The dependent must be a legal

actions and causes of action arising or growing out of participation in the sporting events. All participants under 18 years of age must have a parent or guardian sign the release.

Registration for the events, which are listed below, begins today, May 7. Individuals or teams can register by contacting Chuck Arns-4861, Kate Doyle-4425, Carol Greco-4338, Noble Ladd-4778, Paulette Martin-8389 or Larry White-4781.

The schedule of the DMAAC Picnic Sporting Events and a brief description of each adult event follows:

1. Checkers - 10 a.m. to 12 noon. Open to everyone with three medals being awarded.

2. Football-Punt, Pass & Kick - 10 a.m. to 12 noon. Separate for men and women with six medals being awarded.

3. Horseshoes - 10 a.m. to 1 p.m. Separate contests for men, women and doubles (any combination). A total of 12 medals will be awarded.

4. Frisbee Golf - 10 a.m. to 11 a.m. Open to everyone with three medals being awarded.

5. Running Event - 10:30 a.m. to 11:15 a.m. A four-person relay race for everyone. A total of 18 medals will be awarded.

6. Volleyball - 12 noon to 4 p.m. Co-ed with a minimum of eight players (four men - four women) and a maximum of 18 players (five men - five women). A total of 30 medals will be awarded.



Sean Hutton, son of Roy Hutton, leads the DMAAC Mixed Bowling League with the men's high average of 198 and men's high series of 776. Sean bowls for the DMS team. (Photos by Chuck Arns.)



Ginny Kraemer owns the high women's average of 143 in the DMAAC Mixed Bowling League. Ginny's team, the Big Five, led the



Richard Iverson displays his bowling style for the High Hopes team. The High Hopes team won the first half of the league and are

# DMAAC Mixed Bowling

## Second Half Final Standings

Team	Won	Lost
Big Five	87	39
High Hopes	84	42
Slip Slidin' Away	78	48
Spare Timers	74	52
OCM	69	57
Lane's Angels	66	60
Side Show	63	63
Kate's Klutz's	59	67
Spare Pins	55	71
Three Cool Jewels	52	74
Bears	51	75
Tomcats	50	76
DMS	47	79
Gundaker Real Estate	40	86

The 1981-82 regular season of the DMAAC Mixed League has come to an end with the Big Five on top. Next week is sweepstakes and Big Five will take on High Hopes, the winners of the first half, to determine the league champion.

New officers were elected for the 1982-83 bowling season. They will be Lane Mousel-president, John Moss-vice president, and Randy Headrick-secretary-treasurer.

Our apologies to Sean Hutton for the distractions of the photographer. Sean still managed a fine 348 game and 618 series. Other top scores of the last two weeks include: Sean Hutton 258 game, Rick Norgaard 228 game and 685 series, Garnet Babornvayer 238 game, Darryl Crompton 614 series, Ginny Kraemer 178 game and 487 series and Marlys Iverson

U.R.S. dependent. Special cases will be considered by the SRC.

1. An individual may enter an event one time only.

4. All individuals and teams will declare the Department or Directorate they will compete for upon registration for the event.

5. Final judgment and decisions on each event will be made by the chairperson of each event.

6. All teams must be at least 50 percent Aerospace Center employees.

7. Husbands and wives working in different departments may combine on one department's team as long as they stay with the same department throughout the event. The same rule will apply for friends in different departments or directorates.

8. There will be no limit on the number of teams entered in an event from one department. Selection of teams will be strictly up to individuals in each department.

9. Points will be awarded as follows:

Place	Medal	Points
First	Gold	3
Second	Silver	2
Third	Bronze	1

Double points will be awarded for the Blind Man Race.

10. Preregistration is advised but registration will close 30 minutes before each event except for the 10 a.m. events, which will close as they begin.

11. In the event of rain, the sporting events will be rescheduled the same day, weather permitting.

12. All participants will be required to sign a statement releasing Federal Government and the Aerospace Center from all claims for damages, demands,

Blindman's Race - 3 p.m. to 4 p.m. A special race for the department chiefs or assistant department chiefs and their secretaries. Six medals will be awarded.

8. Jart Tournament - 3 p.m. to 4 p.m. Co-ed teams (one male - one female) for a total of six medals being awarded.

9. Tug-of-War - 4 p.m. to 5 p.m. Teams of six males and six females. There will be no restrictions on weight. A total of 36 medals will be awarded.

10. Three-Leg Race - 5 p.m. to 6 p.m. Co-ed teams (one male - one female) competing for six medals.

The kids' games will run from 11 a.m. to 12 noon and 2 p.m. to 3 p.m. The teens' games will begin at 11:15 a.m. and conclude around 2 p.m. A complete schedule will be available for kids' and teens' events at a later date.

## DMAAC, RCPAC Golfers To Compete

The Aerospace Center Sports and Recreation Council wishes to announce the first annual DMAAC-RCPAC Golf Classic at the Paradise Valley Country Club on Tuesday, June 8. Tee time will begin at noon and the course will be 18 holes.

A feature of the classic will be agency competition between the Aerospace Center and the U.S. Army Reserve Components and Personnel Admin Center (RCPAC). The agency championship will be determined by an average of scratch scores for all participants that complete the 18 hole course. The lowest agency average will win a beautiful

traveling trophy to keep until the next classic.

This summer, the National Safety Council and the Defense Mapping Agency Aerospace Center are asking Center employees and their families to make a special effort to wear their safety belts.

"Make It Click - Buckle-Up" is a national campaign in which volunteers across the country will be asking people to sign pledges promising to buckle their safety belts and put their children in child safety seats. The Safety and Fire Prevention Office will coordinate Aerospace Center participation in the program.

According to National Safety Council statistics, every year an

estimated 1.8 million motor vehicle occupants are injured and more than 35,000 are killed in motor vehicle crashes.

The campaign will focus on the "100 critical days" from Memorial Day weekend through Labor Day. During this period more persons are injured and killed in motor vehicle crashes than at any other period of the year.

A pledge to buckle-up is the first step toward commitment. It is hoped once people become comfortable wearing their safety belts during their pledge period, they will make it a lifetime habit. About 12,000 of the 32,000 people killed in 1980 would have been saved if they

had been wearing safety belts or were protected by approved child safety seats.

The Safety and Fire Prevention Office will kick off this campaign at the Aerospace Center during the week of May 24. Pledge cards will be distributed to all employees and film presentations and literature explaining the benefits of using safety belts and child safety restraints will be made available to employees.

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# MANY HAPPY RETURNS



Take  
stock  
in America.

Recreation Council. The deadline for registration is Tuesday, May 25. For more information or registration, contact Noble Ladd-478, Larry White-488, or Chuck Arms-484.

The classic will also have individual competition with three flights for men and women with trophies being awarded to the top three finishers. The Callaway System will score a handicap with scratch golf determining the flight. Trophies will be awarded to the top three scratch golf scores, one trophy to the longest drive contest and one trophy to the hole-in-one contest.

Fees for the classic will be \$11 without cart and \$17 with cart. Twosomes from DMAAC and RCPAC will be matched according to their playing skills. Registration can be made for twosomes or individuals through the Sports and