

Vol. 34 No. 9

GATEWAY TO EXCELLENCE

September/October 1997

# ST. LOUIS ARMY ENGINEER DISTRICT **ESPRIT**

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(All photos in this article by Terrie Hatfield, HR-P)

## A new beginning for Ste. Genevieve

by Terrie Hatfield, HR-P

On Saturday, August 9, 1997, ground was broken to celebrate the beginning of construction on a new \$48 million "Urban Design" levee system which will provide 500-year flood protection to the city of Ste. Genevieve, Missouri, and its National Historic Landmark District. The groundbreaking ceremony was held in conjunction with the well-attended Jour de Fete, the city's annual festival which showcases its historic treasures and preservation of early American craftsmanship.

Ste. Genevieve, the first European settlement on the west bank of the Mississippi river, was founded during the French Colonial period of American history and contains the most and best preserved examples of French Colonial architecture in the United States. Earliest documentation of the settlement is a census taken in 1752.

The Ste. Genevieve flood protection project effort, headed by Jim Zerega, involved many years of planning, coordination and partnering.

(Continued on page 8)



# Commander's Perspective



**COL Thomas J. Hodgini**

**Our folks continued to distinguish themselves as among the finest in the Corps.**

How did we do in FY 97? It was a tough, but rewarding year. Many successes to celebrate. Most notably, we labored mightily to implement CEFMS and to pull off our first close out, both in record time. Through your efforts, we achieved our 3rd consecutive year of high execution in all major appropriations - that fosters new work and high accolades for the District. We received nationwide recognition corporately and individually. Your innovative ideas are being discussed throughout the Corps and among our partners. Several, such as remote lock operation, were launched last year. Our "Gateway to Excellence" District hosted many key groups and conferences. Our folks continued to distinguish themselves as among the finest in the Corps. This year we received the Hammer Award for innovative work in Environmental Pool Management. And Claude Strauser was recognized as USACE Civilian of the Year. There were many other successes, too numerous to mention here. Congratulations to all for a great year!

In the last ESPRIT, I spoke to you about beginning with the end in mind. Where would you like to be at the end of this fiscal year? What are your personal goals? How about personal wellness? A year ago I was a two to three mile-a-day runner. Jennifer Watkins, Planning Division, challenged me to extend that - to set new goals. At the time I didn't realize my new goal would be a magnitude of ten increase! Somehow she convinced me that running a marathon would be a worthy goal and offered to "coach" me. She, along with Tom Quigley, Engineering Division, set up a training program to help me reach my new goal. That was last spring. They were relentless. We ran every day, sometimes beginning at 0300 in the morning. Then, on September 20th, I found myself with Jennifer and Tom at Wright Patterson AFB, Ohio, with 2500 other runners at the starting line of the Air Forces' Inaugural Marathon. Several hours later I crossed the finish line. A runners creed reads: "I will win; if I cannot win, I shall be second; if I cannot be second, I shall be third; if I cannot place at all, I shall still do my best." We didn't win, but we finished. My goal was to do my best and to finish. Your personal goals are different from mine. This experience does show me that we can achieve anything we set our minds to. First, though, we need to set goals. What are your goals?



Col. Hodgini, Jennifer Watkins and Tom Quigley at the Inaugural Air Force Marathon.

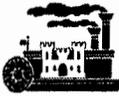


**US Army Corps of Engineers**  
St. Louis District

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## News Briefs

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### Rend Lake:

### Lake cleanup

Rend Lake will host its 11th annual cleanup Saturday, September 13th. Somewhere between 500 and 800 volunteers are expected. A unique aspect of the cleanup is its focus on recycling collected materials. Aluminum, glass and plastics are separated for recycling.

An Adopt-A-Shoreline program has been launched in association with the cleanup, providing a more permanent solution to cleanup efforts. Groups have adopted 35 miles of shoreline to date. Each group is expected to clean their "adopted" portion of shoreline at least twice a year.

### Emerging Leaders

Assistant Project Manager Andrea Pickard, along with Interpretive Ranger Julie Ziino from Rivers Project Office and Human Resources Specialist Patti Carr, were among 35 Corps of Engineers employees from throughout the country invited to the Emerging Leaders Conference

held in early August in Minneapolis. The conference is held in conjunction with the Senior Leaders Conference and focuses on leadership skills and development.

### Sub-impoundments

Phase I of a major rehabilitation of Rend Lake's Casey Fork and Big Muddy sub-impoundment dams began in mid-Au-

gust. Built during the mid-60s, the gates and outlet structures in the dams have been underwater for more than 30 years and are badly in need of repairs.

### Visitor safety

Officers from a variety of state and federal agencies recently combined efforts to increase visitor safety at South Sandusky beach. They stopped every vehicle leaving the beach on Saturday, July 26, checking for a driver's license, proof of insurance, seat belt use and open alcohol. The public reaction was positive.

### Primitive camping

Primitive campers will be eager to use the 10 newly rehabilitated walk-in tent sites in South Marcum Recreation Area off Covey Point Loop completed in mid-August. While some of the sites were relocated, most were replaced in their original locations, offering campers a fine view of the lake. All sites received new landscape timbers and impact/living pads, concrete grill bases, lantern hangers and sign posts. All sites have a picnic table. The remaining three walk-in tent sites off another loop in Covey Point are scheduled to be rehabilitated later in 1997 or early 1998.

### Patio pads

The popular concrete patio pads that have been appearing

at lake campsites during the past few years will now be available in Pin Oak Loop in South Sandusky Recreation Area. Twelve new 6x20 foot pads have been added to some of these sites. Besides being convenient for campers, the pads solve erosion problems caused by usage on the site and reduce tripping hazards.

### Annual cleanup

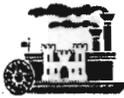
Picture perfect weather and the high energy of over 500 volunteers combined to make the Annual Rend Lake Cleanup a great success, and a fitting exclamation mark on a busy recreation season. Jim Carter, Chief of Con-Ops, took time out of his busy schedule to join the volunteers who helped clean up the shoreline and roadways around the lake.

Volunteers were able to collect about 20 cubic yards of non-recyclable garbage as well as nearly 800 pounds of recyclable garbage. The event is made possible by the generous contributions of area businesses and civic organizations.

### Smith retires

Rend Lake recently said good-bye to one of its pioneers. Harold Smith (a.k.a. Sand Boil Smith) came to the project as a maintenance worker when the lake was completed. He has been at the lake for 26 years. He earned the nickname "Sand Boil" when the vehicle he was

(Continued on page 6)



# Strauser named Civilian of the Year



Claude lays out plans for the river with colleagues from other federal and state agencies.

Our own Claude Strauser, Chief of the Potamology Section, Hydrologic and Hydraulics Branch, has been chosen as the U.S. Army Corps of Engineers Civilian of the Year.

In his memorandum nominating Claude for the award, Col. Hodgini says, "Mr. Strauser has made significant contributions to the science of river engineering and to the field of water control

management. His accomplishments have earned him the respect of his co-workers and the many "customers" he serves.

"The greatest service any person can perform for humanity is to accomplish his work in a way that will benefit this generation of citizens and create a better environment for generations to come.

"Mr. Strauser's hard work and dedication have set an example worthy of emulation for future scientists and engineers."

Claude has won the Presidential Award for Design Excellence, two Federal Design Achievement awards, the National Award of Excellence from the American Society of Civil Engineers, a Hammer Award, and many other important awards.

We congratulate Claude for winning this latest prestigious award. He certainly deserves it.

# Aboard the Motor Vessel Mississippi

by Terrie Hatfield, HR-P

The Low and High Water Inspection Trips aboard the Motor Vessel Mississippi are co-hosted by the Corps of Engineers and the Mississippi River Commission (MRC). These trips afford citizens and representatives of various Mississippi Valley interest groups the opportunity to address river-related concerns before the Commission in public meetings at locations along the river from St. Paul to New Orleans.

The St. Louis District portion



of the August 1997 trip, the first trip since the Lower Mississippi Valley Division expanded to include all of the Mississippi River Basin, began at the

Melvin Price Locks and Dam with a briefing by Col. Hodgini to the MRC members and staff on current St. Louis District projects. The remainder of the District staff and guests boarded at the St. Louis riverfront, which provided a picturesque setting for the majestic vessel and caught the attention of many tourists and passersby.

Invited guests included representatives of the navigation industry, and various govern-

(Continued on next page)



The Mississippi River Commission holds a public meeting aboard the M/V Mississippi.

ment and private environmental groups, landowners, levee commissioners, other local officials and Mr. Marcus Peacock, a Congressional staff member of the Water Resources and Environmental Subcommittee of the Committee on Transportation and Infrastructure.

and Owen Dutt, respectively) to further partner with and reach a better understanding of the Corps, the MRC and their policies and efforts for continuing improvements along the river. Staff members from both the St. Paul and Rock Island Districts became acquainted with, and were appropriately impressed by, that magnificent stretch of the Mississippi River which earns its well-deserved "mighty" reputation within our boundaries.

As the vessel docked at Chester, Illinois, Mr. Peacock,

The trip proved productive in many respects. The Commission, headed by MG Phillip R. Anderson, Mississippi Valley Division Commander, heard a wide range of issues and concerns during the Public Meeting at the foot of Market Street. This, by the way, was the first public meeting held by the Commission in St. Louis. Topics presented covered many areas relating to navigation, flood protection, real estate, historical preservation, regional economy and the environment.

District staff worked to connect guests with the appropriate technical staff members according to their needs, concerns and issues. Guests attended roundtable discussions on Real Estate, Navigation and Environmental issues (chaired by Tom Hewlett, Wally Feld



Wally Feld, Assistant Chief, ConOps, holds a workshop aboard the boat.

impressed by the variety and number of the St. Louis District's innovative accomplishments, said that he wanted to return to St. Louis and learn more about our District.

As the guests and SLD staff members prepared to disembark, a strong spirit of partnership and cooperation was evident. Special thanks to the very professional crew of the MV Mississippi and to Marge Robbins (and all who helped) for a great coordinative effort.



Jonathan Ela, Mississippi River specialist with the Sierra Club mid-west office, builds bridges of understanding with Dave Busse, ED-H.

(Photos on this page by Terrie Hatfield, HR-P)



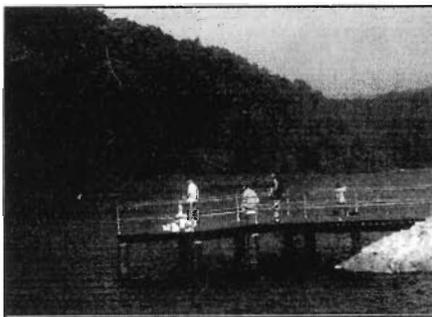
## News Briefs (cont.)

using to inspect a levee during the 1993 flood was swept through a levee breach and into the muddy waters. Miraculously, he was able to climb out of the submerged vehicle and make it back to safety. The vehicle itself was not found until flood waters receded. A farewell potluck was held in Harold's honor on Friday, September 19th, his last day on the job.

### Wappapello Lake:

## Fishing pier

The lake staff is proud to announce the completion of the rehabilitation of the disabled persons fishing pier at Peoples Creek Recreation Area. The



fishing pier fulfills the needs of our customers who have mobility limitations, but have abundant enthusiasm for enjoying Wappapello's outdoor recreational opportunities.

The lake team was challenged to rehabilitate the pier so it would be more user friendly, a low-maintenance facility, able to withstand environmental extremes and capable of facilitating use by all individuals. The team consisted of Park Ranger Alan Mehrer, Civil Engineer Technicians Jim Fox and Roger

Brown, and Tracy Butler from the District Office.

The pier is composed of a 10x20 foot walkway accessing a 10x30 foot platform, augmenting the existing riprap fishing pier. The platform structure is composed of steel I-beams and web-joists, coated with black epoxy paint and supported by eight pilings. The decking material is recycled plastic lumber and the handrail system is galvanized pipe and angled galvanized fittings. The resulting structure is a durable, low-maintenance facility that will provide years of service.

We have provided an accessible facility which allows physically challenged individuals to enjoy the recreational fishing opportunities at Wappapello Lake.

### Mark Twain Lake:

## Astronomy talks

On September 27, An Adventure in Astronomy will take place at the John F. Spalding Recreation Area from 7 p.m. to 11 p.m. Experts from the University of Missouri-Columbia and various astronomy clubs will be on hand to discuss current topics in the field of astronomy. You can bring your own telescope or use one of the professionals'.

## Missouri mules

Missouri Mules are the stars of the even on October 4. Beginning at 10 a.m. in the Warren G. See South Spillway Recreation Area you can enter your mule or just watch races, see

prize winning mules in a multitude of games and contests, and you can even learn about the history of the Missouri Mule and how it has played a major part in our lives. On October 5 there will be a mule ride on the Joanna Trail starting at 1 p.m.

### Rivers Project:

## Big River Days

The third annual Big River Days takes place in historic Clarksville, Missouri, at the Riverfront Park on the bank of the Mighty Mississippi on September 20 and 21 from 10 a.m. to 5 p.m. both days.

Big River Days has something for everyone, from the live river otter show (Saturday only) to the riverboat music, traditional foods, lock and dam tours and much, much more. Also present will be the Hawk Trough, a 5,000 gallon aquarium with native river fish, a British Regiment Reenactment, Native American encampment, stream table, various river crafters, kids activities, wild animal calls, reptiles and amphibians, Critter Rock (music about animals and their environment) and other river related activities.

The event is sponsored by the Corps in cooperation with the City of Clarksville, Missouri, Department of Conservation, U.S. Fish and Wildlife Service and the Illinois Department of Natural Resources. For more information contact the Riverlands Clarksville Area Office at 573-242-3724.



## Lake Shelbyville:

### Hunter courses

Two hunter safety courses are scheduled for Shelby County, Illinois. One is scheduled for September 19 & 20 at Wolf Creek State Park from 6 to 9 p.m. on September 19 and 8 a.m. to 4 p.m. on September 20. To register for this course call 217-756-8260. The other one is October 11 & 12 at Twin Oaks Sporting Clays from 8 a.m. to 4:30 p.m. on October 11 and 1 to 3 p.m. on October 12. Call 217-774-3313 to register for this course.

Included in the course is instruction in wildlife management, firearm handling, hunter ethics, game identification, hunting regulations and specialty hunting. Illinois state law requires that all hunters under age 16 successfully complete the hunter safety course before they can receive their first hunting license.

### Career Day

Eastern Illinois University in Charleston, Illinois, will host a Fall Career Day on September 23. This will give the Corps an opportunity to meet a variety of students with diverse backgrounds. If you would like to help Lake Shelbyville staff represent the Corps at this career day, contact Park Ranger Pam Doty at 217-774-3313 by September 8.

### Eco-Meet

The 21st Annual Eco-Meet will be held at the lake on Octo-

ber 2. The Eco-Meet is an environmental competition for school students. There are two levels of competition: Junior Varsity for grades seven and eight and Varsity for grades nine through twelve. Each team is represented by three students and an alternate member who may be rotated into the competition. About 35 community schools from Central Illinois will be represented. Events include topics on birds of prey, amphibians, trees, freshwater fish ecology and songbirds.

If you would like to help present this event contact Park Ranger Larry Gutzler at 217-774-3313. Duties may include helping with events, registration or grading tests.

### Project WILD

The Okaw Bluff Wetland Complex was recently the site of a Project WILD Aquatic Advanced Workshop. On July 9, twenty-four environmental educators from all over Illinois attended this one day workshop. They spent the day studying wetland ecology, the history and management of the Okaw Bluff Wetland Complex and the research of fisheries at the lake. They had the opportunity to be active participants in fish and water sampling, soil collecting and seigning.

The workshop was coordinated by Park Ranger Pam Doty with cooperation from Illinois Project WILD Coordinator, Valerie Keener.

During the hottest weekend of the summer, park rangers staffed Aquafest '97 at the Dam West Beach, a two-day water carnival which promoted water safety. The beach was transformed into a play land of various games and an obstacle course incorporating water safety as part of the challenge. Prizes for games were donated by local businesses. There was also a sand sculpture contest.

## Carlyle Lake:

### Haunted Trail

On October 17 and 18, the Carlyle Lake Fireworks Committee, along with Carlyle McDonalds and the Corps will be hosting the Haunted Trail. A wagon will load at McDonalds between 7 and 11 p.m., swing past Dam West Campground, and then take you to the Little Prairie Trail of Horrors, where you will be lead through the woods, winding past ghouls and goblins that haunt the night. Admission is \$3. All proceeds go to support the Carlyle Lake Fireworks Spectacular.

### Campgrounds close

Corps of Engineers operated campgrounds will close soon. Closing dates are as follows: Dam West on Oct. 19, Coles Creek on Sept. 28, Boulder on Oct. 14, McNair and Lotus Group Camping areas will closed on Oct. 14. Campgrounds at Eldon Hazlet State Park and South Shore State Park will be open year-round.

(Continued on page 13)



## Groundbreaking (cont.)



Col. Hodgini speaks to the crowd during groundbreaking ceremonies.

Federal cost-sharing regulations require a portion of the cost be borne by the local sponsor, and this can be very difficult for a small city with a limited budget. However, the historical significance of the city's architectural treasures resulted in substantial grants from the National Trust for Historic Preservation and the state of Missouri. In addition, the city has passed a new sales tax to help fund the project. Congressman Richard Gephardt, Governor Mel Carnahan and Senators Bond and Ashcroft were active supporters.

Following a reception for partners and project supporters, the groundbreaking ceremony was held on top of the emergency levee, erected during the Great Flood of '93 by Ste. Genevieve citizens, Corps employees and volunteers from 34 states. The heroic efforts and

perseverance of the dedicated flood fighters received national media coverage in '93 as they fought to hold back the mighty waters. The press was again present in large numbers to commemorate the city's new beginning in '97.

Among the ceremony participants were Senator Kit Bond, who proclaimed the '93 emergency levee "a triumph of human character ...as strong as the will of the people," and Congressman Gephardt, who said that in '93 and '95 "we saw how strong was the will of the Mississippi River to take the land by flood, and we saw that the will of the people of Ste. Genevieve was stronger."

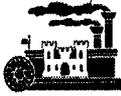
The success of the reception and the dedication ceremony was due to the hard work and extensive coordination of many people. Coordination began with Jim Zerega and was carried out by Phil Eydmann and Joan Eydmann and Karen Weiler of the Ste. Genevieve Joint Levee Commission, along with countless others who worked long into many nights to assure a smooth and successful event.

The new 3.5 mile flood protection system includes a new

(Continued on page 13)



Thousands visited Ste. Genevieve for the annual Jour de Fete.



# Length of Service Awards

The following employees have reached milestones of service in the Government of the United States of America during the period from July 1, 1996 to June 30, 1997.

## 10 Years

Alice Lovett, IM  
Marc Kocack, PD  
Kenneth Brimm, ED  
Vanester Duff, ED  
Matthew Hunn, ED  
Joan Stemler, ED  
Deanne Strauser, ED  
Michael Crain, CO  
William Dinwiddie, CO  
Lonnie Forrest, CO  
Robert Gibson, CO  
Siegmar Groetsch, CO  
Gary Lenz, CO  
Jerry Mason, CO  
Wenda McGilberry, CO  
Diane Stratton, CO  
Ladonna Supancic, CO  
Karen Watwood, CO  
Lori Weber, CO  
William Wood, CO  
Loretta Jenner, CT  
Kerry Powell, DB  
James Gerth, LM

## 15 Years

Leroy Kaiser, RM  
Martha Plyler, RM  
Carolyn Clark, OC  
Patricia English, PM  
Charles Tippet, IM  
Kathleen Feld, PD  
Joanne Long, PD  
Debra Williams, PD  
Dave Busse, ED  
Gregory Dyn, ED  
Janice Hitchcock, ED  
Gregg Kocher, ED  
Gary Lee, ED  
Thomas Murrell, ED  
Gerald Schwalbe, ED  
Bonita Toennies, ED

Sharon Cable, CO  
Tommie Cole, CO  
Florence Cranker, CO  
Robert Crocker, CO  
Harold Frailey, CO  
Rachel Garren, CO  
William Hedger, CO  
William Jones, CO  
Robert Keller, CO  
Anthony Lambert, CO  
James Lynch, CO  
Claudia Tonsor, CO  
Garry Vetter, CO  
Angela Sanders, RE  
Gail Evans, CT  
Karen Fountain, DB  
Shirley Harvey, LM  
William Moore, LM

## 20 Years

Kathy Engelmann, PM  
David Gates, PD  
Dennis Woodruff, PD  
Avenant Melidor, ED  
Frederick Miller, ED  
Thomas Quigley, ED  
Lawrence Whitt, ED  
Terry Bequette, CO  
Charles Birdsong, CO  
David Davis, CO  
Carolyn Garrison, CO  
Susan Horneman, CO  
Clifford Richardson, CO  
Stephen Summers, CO  
Cindy Zimmerman, CO  
Judith Kibler, CT  
Dolores Ebert, DE

## 25 Years

David Leake, PM  
Wayne Miller, PM  
Deborah Kuhlmann, IM  
Daniel Ragland, PD

Billy Arthur, ED  
Melvin Baldus, ED  
Alexander Bienkowski, ED  
Ronald Dieckmann, ED  
Michael Hamm, ED  
Henry Martin, ED  
Calvin Mooney, ED  
Carl Okenfuss, ED  
James Carter, CO  
Eric Davis, CO  
Gary Findlay, CO  
Larry Griffin, CO  
Richard Howald, CO  
Welton Joggerst, CO  
Robert Lockhart, CO  
Parker Gerald, CO  
Thomas Winston, CO  
Gary Camp, RE

## 30 Years

Joyce Pruitt, RM  
Brian Kleber, PM  
John Dierker, ED  
John Helfich, ED  
Bobby Hughey, ED  
Robert Mesko, ED  
Riley Pope, ED  
Linda Wichlan, ED  
James Worts, ED  
Charles Grubb, CO  
Joan Hickstetter, CO  
Penny Mudd, CO  
Kathleen Queathem, CO  
Zelma Scott, CO  
Ronald Viehweg, CO  
Barbara Jarman, CT  
Eugene Degenhardt, DE  
Judith Griffith, LM

## 35 Years

Jerry Hawkins, ED  
George Postol, ED  
Nicholas Miller, CO



The CAC would like to thank everyone who participated in this year's annual District picnic. Attendance was well over 250 people, mostly from the District Office. We would have enjoyed seeing more people from our retiree family.

A special thanks goes to Bob Wilkins and the staff at Carlyle Lake for hosting the picnic. Because of their hard work and cooperation, the day was fun and relaxing. Kids both young and old enjoyed a variety of activities: A DJ and Live music, water balloon toss, visits with Smokey and Woodsey, tug of war, sand castle building, face painting (Amy Bautsch Bazzell), tours, magic show (Alex Bautsch), volleyball, golf...

We appreciate the volunteers who helped the CAC plan these activities (Cpt. Jim Wolack, Greg Hemen, Dennis Gilmore, Klete Boehne, Rich Hagan, Cpt. Vicki Flack, Richard Hegger, Kim Reiter).

Attendance prizes went to: Kathy Feld, Loretta Jenner, Sandy Nelson, Bill Ross, Rachel Wolack.

Thanks to all who participated in the various events. Prizes were awarded to the following first place winners:

Water Balloon Toss - Alex Bautsch, Kent Hayes

Relay - Col. Hodgini, Jennifer Watkins, Cpt. Wolack, Maj. Wood

Golf - Duane Atchley, Tammy Atchley, Tom Niedernhofer, Mike Sommars



Smokey and Woodsey say "Hi" to some picnickers.

# Picnic 1997



Can you believe some people even wanted to run?



A lot of little faces got painted.



And, naturally, there had to be sand volleyball.



Park Ranger Kim Hammel explains some of the wonderful things you can find along the trail.



Now these are real picnickers. Sit in the sun and eat and talk.



Some just don't think it's a picnic if they don't sweat a lot.



Alex Bautsch provided some magical moments.

Tug of War - Carlyle Lake stay-in-school students

Sand Castles - Kelly Riiff

It's not too early to plan for next year's picnic. If anyone has any suggestions or ideas - location, activities, etc., please submit them to any CAC representative.

The retiring CAC members would like to thank everyone for supporting our activities throughout the year. We would like to welcome the new CAC members: Dianna Pope (President), Arnold Washington (Vice President-Secretary), Debbie Warner (Treasurer), Latissue Banks, Cathy Fox, Kent Hayes, and Gloria Miles.

Seventy-two people participated in the District's picnic golf tournament. The District was widely represented including several field offices, quite a few family members and retirees.

(Continued on page 12)



What's a picnic without food?



# McMurphy takes to the hills

Danny McMurphy (ED-HG) participated in a volunteer program with the Bureau of Land Management (BLM) during the week of July 13-19 at the Philmont Scout Ranch near Cimarron, New Mexico. The BLM program, in its 5th year, brings in Geologists and Physical Scientists for one week periods and stations them at one of three old mining camps (Baldy Town, French Henry or Cyphers Mine Camp) on the Scout Ranch property. The volunteers come from many different government agencies, private industry and from the teaching profession.

While at the mining camp, the volunteers speak with Boy Scouts and Explorer Scouts as they backpack through the camp. The BLM program is meant to encourage careers in the geosciences and related fields, and answer questions about local geology, local mining history and environmental

issues. The volunteers may also get involved in helping campers pan for gold and help identify local rocks and minerals.

Danny spent his week at the Cyphers Mine Camp, at about 9,000 foot elevation, where he came in contact with 350 to 400 backpackers during the week. He presented a program on the mining history of the camp, promoting geosciences careers, and assisted in showing the Scouts and Explorers how to pan for gold.

He set up his materials outside the Contention Gold Mine where the Scouts and Explorers would come for a "colorful" mine tour by one of the staff members stationed at the camp for the summer. In addition to staying at the camp for the week, Danny took part in the camp chores by firing up the wood cook stove in the mornings and preparing breakfast for the 3 or 4 staff members stationed there. He found the pro-

gram to be very fulfilling as well as relaxing and plans on participating again in the future.

While he was up in the Sangre de Cristos Mountains, his family was able to stay in Philmont's base camp at the Philmont Training Center and participate in a family camp program for the week. They had as much fun as he did and they also look forward to returning.

Danny is an Explorer Scout Advisor for Post 444 in Sullivan, Missouri, and has served as a Scout Leader in Sullivan for more than 30 years.

## Picnic (continued)

The competition was close, with three teams posting a five under par score of 31, resulting in a scorecard playoff. The winning team consisted of T. Prescott (a putting exhibitionist), R. Lindsey (singularly birdied the winning hole) and G. Schwalbe and D. Gilmore (who were along to chauffeur). Congratulations to all teams, for they all played well and, more importantly, had fun!

A couple of highlights of the event were the longest drive, which was won by a BIG HITTER out of Real Estate, Judy Stafford, and the most accurate among us, Mike Thompson, a project manager. Go figure.

Next year we'll start earlier to accommodate more of you and still make lunch.



Danny McMurphy speaks to a group of backpackers at the Philmont Scout Ranch near Cimarron, New Mexico.



## Groundbreaking (cont.)

levee, closure structures, the relocation of a portion of Highway 61 (involving considerable real estate issues), a pump station, gravity drains, an interior drainage system and ponding areas, relief wells, tree screens and an environmental mitigation area. Construction has begun and the project is scheduled for completion in 2002.

The people of Ste. Genevieve worked and fought long and hard to preserve and protect their beautiful city. The new flood protection system brings new hope that they can anticipate a future of living in harmony with the Mighty Mississippi.

## News Briefs (cont.)

### Ranger Hawn dies

On Saturday, August 30, Park Ranger Jim Hawn passed away at the age of 28. Jim began work for the Corps as a stay-in-school at Rend Lake, while attending SIU-Carbon-dale. He transferred to Carlyle Lake in May 1991. He became the Program Ranger over Visi-



tor Assistance and Interpretation this past August.

Jim was an avid member of Carlyle Lake Ducks Unlimited and Illinois Federation for Outdoor Resource. He was also engaged to Michelle Obermeier and was to marry next spring.

The Hawn Family and friends are working to set up a scholarship fund in memory of Jim for students wishing to study forestry at SIU-Carbon-dale.

### Campground repair

Work to repair flood damages and prevent future damages at Dam West and Coles Creek Campgrounds is underway. Several campsites will be extended and impact areas constructed to protect the sites and allow larger camping units to use the sites.

### District headquarters:

### Stewart new in LM

The Logistics Management Office would like to introduce Mr. Bruce Stewart. Mr. Stewart accepted a job swap position and is now our Property Disposal Officer replacing Mr. Arthur Abrams.

Mr. Stewart is a native of St. Louis. He graduated from Sumner High School and Dana College with a Bachelor of Science degree in Business Administration/Marketing. He has also completed the Supply Management Intern Program. He has been with the Corps of Engineers since May. In August he received his Masters of Science Degree in Aviation Science.

We would like to welcome Bruce Stewart to the Corps family. He can be reached at 331-8022 for your disposal needs.

### Englemann degree

Congratulations are in order for Kathy Englemann of the Programs Management Branch. Kathy received her Bachelor of Science degree during graduation ceremonies held on August 9th at SIU-Edwardsville.

Kathy began her college career in 1988, attending classes on her own time. She managed this while working full-time, raising two sons (now 19 and 17) and being a wife and homemaker.

Congratulations Kathy!

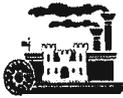
### Rename Pittsburgh

The Launch PITTSBURGH, part of the attendant plant supporting the Dredge POTTER, is scheduled for replacement in January 1998. The PITTSBURGH was originally named after the City of Pittsburgh, by District Engineer Edwin R. Decker in the late-1960s. One of the options open to the District Engineer is to change the name completely. As a result of an adopted suggestion, the District will conduct a naming contest to allow all District personnel an opportunity to participate in renaming the PITTSBURGH.

There are a few rules that must be followed:

1. Vessels cannot be named after any living person.
2. Preference is given to names of deceased officers and

(Continued on page 15)



# L&D 24 approach problem solved

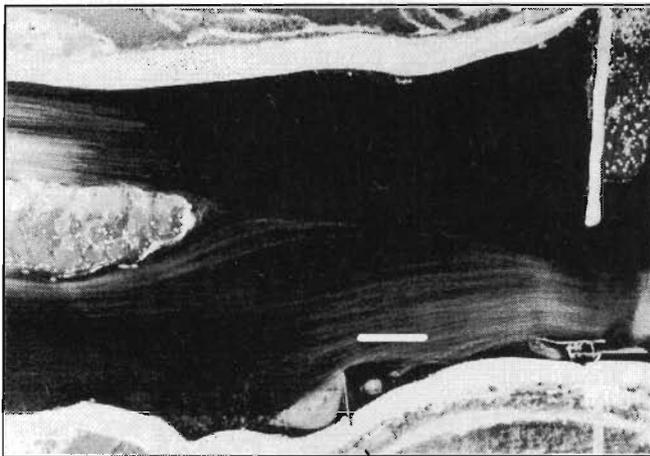
by Karen Rieken, Potamology Section

During high flow, open river conditions at Lock and Dam 24, a severe navigation problem has plagued both the District and the navigation industry. As downbound tows approach the lock chamber, strong cross cur-

rents can push the tows away from the lock and toward the gates of the dam. prevalent outdraft problems on the Mississippi River. This problem has been more recently remedied for the towboat by the use of a helper boat that guides the barges into the lock chamber. Even with the use of helper boats, conditions can become adverse and life threatening.

When not using a helper boat, lock personnel instruct the pilot in guiding the barges into the lock. But strong currents near the lock entrance can cause separation of the barges, even with the assistance of a helper boat. This separation can then eventually lead to the barges being carried into the dam.

The Applied River Engineering Center (AREC) at the Service Base was given the task of building and calibrating a micro model of Locks and Dam 24 in hopes of solving this historical navigation problem. Once the river engineers calibrated the model to reflect the general trends of the actual river, thirty different design alternatives were tested and then evaluated in the model in an attempt to alleviate the outdraft problem. Two team meetings were held at AREC with representatives of the towing industry and various District personnel. Pilots and port captains had the opportunity to view and experiment with the micro model. Through much discussion and experimentation, the team arrived at a structural solution that was extremely cost effective. The solution involved extending the existing dike 200 feet and constructing a set of four bendway weirs located several miles upstream of Lock and Dam 24. Construction is planned to begin sometime next year, with the river structures built in phases to give both the river and pilots time to adjust to the new navigation conditions. A detailed micro model report of the Lock and Dam 24 study is available upon request from AREC.



L&D 24 micro model flow visualizaion showingg existing outdraft problem.

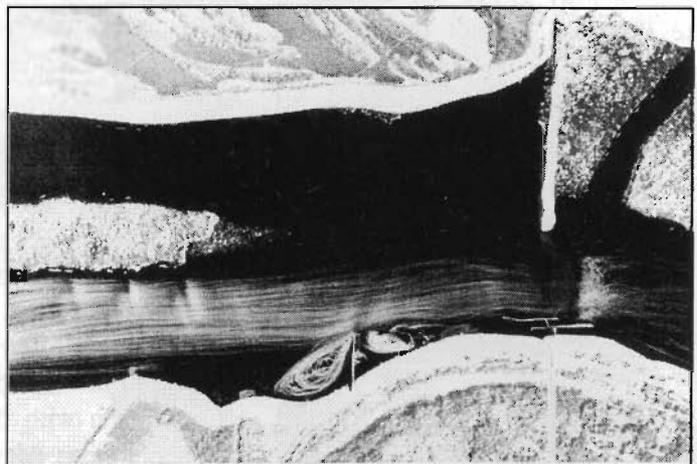
rents can push the tows away from the lock and toward the gates of the dam.

Lock records indicate that 36 barge accidents, 23 of which involved damage to the lock or dam, occurred between 1980 and 1991. All of these accidents were a result of what is called outdraft. Outdraft is a flow pattern that forms upstream of a lock and tends to pull towboats toward the gates of the dam. Strong cross currents near the lock can cause separation of tows, which leads to barges being swept away directly into the gate openings of the dam.

Outdraft occurs at every lock and dam, but at some locations it is more prevalent than at others. Locks and Dams 24 and 22 are two of the more

helper boat. This separation can then eventually lead to the barges being carried into the dam.

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Flow visualization showing improved conditions from bendway weirs.

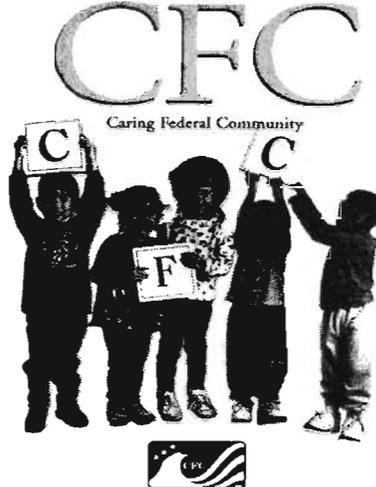


Every year we are given the opportunity to make a difference in the lives of those less fortunate than ourselves. When tragedy strikes in our world, we, by human nature, sometimes shield ourselves from the agony and despair that others suffer. The thought that it will never happen to me passes ever so quickly through our minds. As much as we wish otherwise, tragedy is not exclusive to "the other person."

While there is a lot of positive work going on in our community, the needs are greater than any one organization, group or political entity can tackle alone. It is when we work together that great things can happen.

For example, 323 federal agencies in the 11 counties of Greater St. Louis are represented in the CFC. Last year, over \$2,400,000 were given by our fellow federal employees in this Missouri and Illinois region.

Together, We Make A Difference



EAST-WEST GATEWAY Combined Federal Campaign

However, the causes for caring continue to challenge us. This year we are again asking for your charitable donations. It is the people of our District, you and me, who have always been leaders in this effort, and for us the letters CFC could easily stand for Caring Federal Community.

We are a community that not only believes in its future, but is willing to invest in it. We all want our families to be safe and healthy. We want our chil-

dren to grow up prepared to be responsible members of the community. We want economic security, opportunity and growth. And we want to have rich, full lives in our homes, places of work and in our community.

Keyworkers for the Combined Federal Campaign have been designated for every branch in the District. These volunteers have contacted or will be contacting all the District employees to voluntarily contribute a monetary gift. While there is no obligation to contribute, we do have a goal to personally contact everyone. Also new this year, the CFC campaign is allowing one time donations from contract employees and retirees. Please consider contributing to the CFC. Together we can make a difference.

If you have any questions, you can contact the District's Project Officer, Paul Schmidt, at 314-263-4708 or his co-chair, Randy Curtis, at 314-331-8786.

### News Briefs (cont.)

employees of the Corps of Engineers or to waterways, historical names or other geographical features of regions in which the floating plant will operate.

3. Duplications or close similarities with existing names should be avoided.

Submit your suggestions before October 31, 1997, to: Marge Robbins, CO-TO. A committee will be formed to narrow the suggestions to less than five and the final decision will be made by Col. Hodgini. The

winner will participate in the christening ceremony of the new vessel.

### Viehweg on panel

On September 12, Ron Viehweg, Area Engineer for the Greater St. Louis Area Office, participated in the St. Louis Association of General Contractors Partnering Seminar as a panel member. The partnering seminar was held in conjunction with the celebration of the 25th anniversary of "PRIDE."

### Big-name motor oils

In tests done by the Consumers Union, none of the oils tested proved better than others. They recommend shopping strictly by price.

Buy the viscosity grade recommended in your owner's manual, they say, and look for the starburst symbol. Even \$3 to \$4 per quart synthetics work no better, according to the Consumers Union.



# EEO matters

Sept. 15 - Oct. 25

## Hispanic Heritage

This October 12, 1997 will mark the first anniversary for the unprecedented Latino March on Washington, D.C.. The following article written by Joseph Torres has been condensed to give you the highlights and success of the march.

Never before had there been a nationwide effort to organize Latinos to come to Washington, D.C., and march for immigrant and civil rights. The grassroots groups forming Coordinadora '96, the impetus behind the march, were not well known nationally. So, many, including old guard Latino leaders and politicians, doubted that the Dia De La Raza march would succeed.

The March began in Washington's Meridian Hill Park in the mostly Latino neighborhood of Adams Morgan and ended with a rally at the Ellipse behind the White House. While the atmosphere at the park took on that of a pep rally, many Latinos prepared themselves for the day's proceedings by forming small prayer groups.

The marchers ranged from high school and college students to older factory workers. They were gay and straight, labor organizers and business

owners, elected officials and immigrants. They represented every region in the nation and every racial group. Organizers stated that close to 100,000 Latinos attended. "The march shattered the myth that Latinos cannot work together," said Jose Gutierrez, one of the organizers and executive director of One Stop Immigration in Los Angeles. Gutierrez and others stressed that the march highlighted the unity that exists among Latinos.

The message Hispanics wanted the nation to hear was that Latinos are part of the solution to make America better, and not the problem. Fabian Nunez, a labor consultant for California State Senator Tom Hayden and a member of Coordinadora '96, said the purpose of the march was to promote a "proactive" Latino agenda. The organizers' seven-point platform, vigorously cheered at the rally, called for human and constitutional rights for all, equal opportunities and Affirmative Action, free public education for all, from kindergarten through university level, expansion of health services, citizens police-review boards, labor law reform, a \$7 an hour minimum wage, a streamlined citizenship application process, and an extension of the date of eligibility for amnesty for all

those who entered the U.S. prior to January 1, 1992.

The march was conceived three years ago in California as Hispanic activists and elected officials protested to defeat the state's Proposition 187 ballot initiative. The measure called for denying medical services and public education to undocumented immigrants. Although the activists first called for a march on Washington in 1993, long before the Million Man March, it was in December 1994 that Hispanic grassroots organizations began to lay the groundwork. Gutierrez and other organizers note that the Latino march did not piggyback on any similar event.

For Hispanics in communities nationwide, the march provided hope of a new political empowerment. Miami Herald columnist, Liz Balmaseda perhaps summed up the importance of the march best when she wrote: "It's wake-up time. It's time to ditch the revelry and call in the cavalry. Last October tens of thousands of Latinos did just that in Washington, D.C. A cross-

cultural multitude marched through the city to protest new anti-immigrant laws. It was no Million Man March, but it was an important leap for a fractured population, and it came at a critical time, on the momentous day in the month of the Discovery. Let's hope that date, from now on, marks the discovery of our power, and not simply our pride."



# Coming Lake Events

## Carlyle

Sept. 13 Conservation Day/Indian Pow Wow  
 Oct. 17-18 Haunted Trail  
 Dec. 5 Christmas Town USA Visitor Center Lighting

## Shelbyville

Oct. 2 Eco-Meet  
 Oct. 25 Trail of Terror

## Rend Lake

Sept. 13 Rend Lake Cleanup

## Wappapello Lake

Sept. 27-28 6th Annual Old Greenville Days  
 Nov. 29 - Dec. 21 5th Annual Festival of Lights Auto Tour

## Mark Twain Lake

Sept. 19 Environmental Education Fair  
 Sept. 27 An Adventure in Astronomy  
 Oct. 4-5 Missouri Mule Days

## Rivers Project - Clarksville Office

Sept. 20-21 Big Rivers Day

## GRAND ICAs signed

Maj. Emmett Wood, St. Louis District Deputy Commander, accompanied Regulatory team members Karon Marzec and Ward Lenz to the second annual meeting of the Great Rivers Alliance of Natural Resource Districts (GRAND) on August 11 to sign Interagency Cooperation Agreements (ICAs) for assistance with soil and water erosion control plans in conjunction with Regulatory permits with six of the eight GRAND counties.

Illinois counties signing the agreements include Madison, Monroe and St. Clair. Missouri counties include Franklin, St. Charles and St. Louis. Negotiations are on-going with Jersey County, Illinois, and Jefferson County, Missouri.

These ICAs are viewed as an important step in our working partnership with local grass roots organizations to improve water quality and control erosion in the Metropolitan St. Louis area.



Left to right: Barry Hamilton, Urban Team Leader, GRAND, Walter Bohn, Chairman, GRAND, Maj. Wood, Don Hamer, Coordinator, GRAND, Karon Marzec and Ward Lenz.

## —Earth Notes—

### Bird counts soar

A quarter century after the banning of DDT, the magnificent birds of prey that the pesticide almost destroyed have bounced back with astounding success.

Bald eagle populations in the U.S. are 10 times higher than at their lowest point in 1963.

The country has almost twice as many breeding pairs of ospreys as it did just 16 years ago. And for every breeding pair of peregrine falcons found in 1975, there are 25 now.

It is one of history's great environmental success stories, say scientists for the Environmental Defense Fund.

### Quote of the month

You may be disappointed if you fail, but you are doomed if you don't try.

Beverly Sills



## To your health

### For stress headaches: ibuprofen and coffee

If ibuprofen is your pain reliever of choice, you may be interested in research from the Diamond Headache Clinic in Chicago.

A combination of caffeine and ibuprofen appears to bring faster and longer-lasting relief from tension headaches than either substance alone, researchers say.

Although it's well-known that caffeine helps pain relievers work better, this is the first study to show that caffeine itself works as an analgesic.

Researchers gave volunteers either ibuprofen, caffeine,

ibuprofen and caffeine, or a dummy pill. In the first hour and a half, the group taking caffeine alone had just as much pain relief as the ibuprofen/caffeine group, indicating that initially caffeine was responsible for the analgesic effect.

A number of pain medications contain caffeine, which is listed on the label under active ingredients. But for now, no manufacturers make an Ibuprofen/caffeine combination. But you can get the same effect with a cup of coffee or two.

### Laser treatment for snoring

About 45 percent of adults snore occasionally, and 25 percent snore habitually. A smaller percentage develops sleep apnea in which an individual stops breathing for short periods. It can aggravate heart disease and high blood pressure.

Now a laser procedure known as laser-assisted uvulopalatoplasty, or LAUP (pronounced lay-up) can be done in a physician's office. It's more effective and less expensive than previous treatments. Snoring is eliminated for 85 percent of patients, say doctors at Northwestern Memorial Hospital in Chicago.

### Fast canker-sore cure

For those not patient enough to wait one to two weeks for an irritating, burning canker to heal, a visit to the dentist can now bring instant relief. Using an Nd:YAG laser, a dentist passes the device over the infected area several times. You feel a warm sensation, but nothing else.

Half of those receiving the treatment report no recurrences in the following six months.

To find a dentist who uses an Nd:YAG, call the Academy of Laser Dentistry at (810) 548-7171.

### Cure for the flu?

The flu bug hits as many as one in five North Americans each year, with more than 20,000 fatal cases. Now Bilead Sciences in Foster City, California, says it has a new drug that stops the flu viruses in their tracks. In animals, it wipes out flu infection within a day with no side effects, and it protects healthy animals from infection. Testing with people has begun.

### Diet in a pill

A new antiobesity drug has been approved in the U.S. The Food and Drug Administration has approved orlistat, which prevents the body from absorbing some 30 percent of the fat it takes in. The new prescription drug will be marketed by Hoffman-LaRoche as Xenical. Side effects include loose stool as the body rids itself of unabsorbed fat.

Doctors say the new diet pills are intended only for the truly obese.

### No kissing with ulcers

If someone close to you has an ulcer, don't kiss or share eating utensils until treatment is completed. Ulcers are caused by a germ (*Helicobacter pylori*) that can be spread via saliva, say investigators from East Tennessee State University.



## Retiree Review

by the Retiree Correspondent  
(August luncheon)

August 21 found some of the regular retirees on "vacation," or they had a better offer than attending the monthly luncheon at the Salad Bowl. The weather was conducive to being outside, therefore it is understandable why the attendance wasn't any larger.

The former Real Estate Division was amply represented by Lyle Forth, Laurel Nelson and Elsie and John Kalafatich. They are trying to embarrass Elmer Huizenga into making a few more appearances from the "Great Estate" in Jackson, Missouri.

Bill Hoff and his "niece" were present. Bill won the prize for most consistent attendance with the same niece - Jan. She told the group that Bill's eyes are going bad and he is no longer allowed to drive. He will need a ride to the future luncheons. She will be busy with kids in school shortly - her principle job.

Ron Bockhorst, accompanied by his bride Lois, provided some humorous stories. Also contributing to the humor were Charlie Denzel, Lyle Forth and Elsie Kalafatich.

Your Correspondent was recently informed of the death of one of our retirees - William H. Williams. Don't remember him? You probably knew him as "Rusty" Williams. He was a long time member of the Engineering Division, retiring in 1971 from the Project Planning Branch. He was living in Chattanooga, Tennessee, with his wife, daughter, Jeanine Trachsel, and granddaughter, Kallen. He was 87 years old. Our condolences to Rusty's family.

The August luncheon was sparsely attended. Let's see if we can increase the numbers for September. Mark your calendars for September 18, at about 11 a.m. at the Salad Bowl. Hope to see you there.

### (September luncheon)

September 18th was a beautiful day. It was so beautiful that many of the regular retirees must have found other things to do rather than attend the monthly retirees luncheon at the Salad Bowl.

Ron and Lois Bockhorst were there and informed the group that they were having a great time attending various "barber shop" singing contests throughout the Midwest. A member of their immediate family is a member and Ron is "volunteered" from time to time to assist in various endeavors, other than singing. Ron also indicated that they recently met the old story teller George Clapp at one of the popular restaurants on the Southside. He looked like he was having a great time.

Charlie Denzel provided the group with some tales of the recent Seniors pro golf tournament at Augusta, Missouri. He was a standard bearer for one of the groups, and said that he hopes he picked up a few pointers from watching the pros play. You golfers had better be careful if Charlie challenges you to a match. He also mentioned that the Corps fall tournament was on Friday the 19th, at the Woodlands in Alton, Illinois. Bob Maxwell said he was contributing to the prize money and was going to be there to see who won.

L.G. Kugler was making plans to attend a military reunion of the Air Force unit he was with years ago. They are meeting in North Carolina and he has made every reunion since 1954. That means that at the time

it was part of the Army. He should be eligible for some kind of award for attending all those reunions.

Marie Puricelli reported that she received a call from Elmer Huizenga stating that they were under the weather. They were suffering from a persistent cold and didn't want to venture up to the luncheon. He stated that they are actively engaged in square dance and ballroom dance groups in the area. It keeps them "young and active," so much that he even has taken to cutting his own grass - with a lawn tractor.

The subject of the Christmas Party was discussed. It will be on the 18th of December. Anyone interested in attending should contact: Charlie Denzel at 314-487-6969, Ron Bockhorst at 314-353-9288 or Pete Puricelli at 314-638-6597. A menu and cost have not yet been determined, and will be based on the amount of interest. If there is enough interest, arrangements can be made for a buffet in the room, or everyone can go through the cafeteria line.

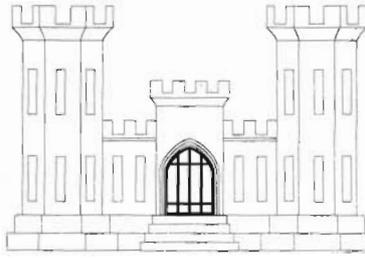
Bob Maxwell was acknowledged as the senior retiree for the month. He was also one of the many story tellers present.

The next luncheon is scheduled for the third Thursday of October - the 16th - at the Salad Bowl at about 11 a.m. Let's try to entice some of the recent retirees to attend.

# The Corps Castle

The appropriateness of the turreted castle as a symbol of the Corps of Engineers is readily apparent. The medieval castle is inseparably connected with fortification and architecture. In heraldry, the castle and the tower are often used in a coat of arms or given as charges in the shield of persons who reduced them, were the first to mount their walls in an assault, or successfully defended them. In this country the term "castle" has been applied to the strongest of our early fortifications, such as Castle Pinckney in Charleston, South Carolina, and Castles Williams and Clinton in New York Harbor,

which, together with the entire system of permanent defenses of our country, are particular achievements of the Corps of Engineers.



Possibly patterned after one of the city gates of Verdun, France, the castle is a highly conventionalized form, without decoration or embellishment. The army officially announced the adoption of the castle, to appear on the corps of Engineers'

uniform epaulettes and belt plate, in 1840. Soon afterwards, the cadets at West Point, all of whom were part of the Corps of engineers until the Military Academy came under the control of the Army-at-large in 1866, also wore the castle.

Army regulations first prescribed the use of the castle on the cap in 1841. Subsequently, the castle appeared on the shoulder knot; on saddle cloth as a collar ornament; and on the buttons. Although its design has changed many times, the castle, since its inception, has remained the distinctive symbol of the Corps of Engineers.

## Humor in the workplace

by Fred Miller, ED-P

Sometimes humor in the work place is overlooked as an important factor to an organization's effectiveness. Besides boosting the morale of an organization, humor provides temporary relief for individual members of an organization who suffer from stress on the job.

'What, me? I'm not stressed, just angry.' You may have heard this retort around your sound-proof cubicles. Individuals are sometimes reluctant to admit having stress. Gender should not be a reason for denial, even though you may wear a hard-hat and carry a buzz saw. If not alleviated, the "extra baggage" is often carried home for others to cope with - like eating in front of the TV. This is described in clinical circles as the "snowball effect."

Recent studies have shown laughing has a positive effect on our health. This, in turn, promotes a better disposition at work, at least to-

ward your supervisor, and a fighting chance to relax at home. That is, if the dog, cats and siblings are not already fighting.

So laugh a little, try a joke that hasn't been censored. Have some fun at work. It's not contradictory to use fun and work in the same sentence.

To ascertain your level of humor, note the illustration below. Is the picture a) funny, b) not funny, or c) don't know yet?

**Now say  
after me,  
I LOVE CEFMS!**

