

## St. Louis Section Officers & Directors 2005-2006

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# ASCE

ST. LOUIS SECTION

May 2006

Please join the St. Louis Section for :

## Multidisciplinary Approaches to Hazard Reduction

Speaker:

**Kathleen Tierney, Ph.D., EERI Distinguished Lecturer of the Year**

**Location:** The Engineers' Club of St. Louis, 4359 Lindell Blvd.

**Date/Time:** Tuesday, May 9, 2006  
11:30 Registration / 12:00 Lunch

**Cost:** \$15.00 per person / \$5.00 students

Kathleen Tierney, Professor of Sociology and Director of the Natural Hazards Research and Applications Information Center at the University of Colorado at Boulder, will discuss the need for multidisciplinary work that is in progress, and some of the students and younger engineers in this newly-emerging field of study.

Prior to Kathleen's move to the University of Colorado in 2003, she was Professor of Sociology and Director of the Disaster Research Center at the University of Delaware. With more than 25 years of experience in the disaster field, she has been involved in research on the social aspects and impacts of major earthquakes in California and Japan, including the 1987 Whittier Narrows, 1989 Loma Prieta, 1994 Northridge and 1995 Kobe events. Since September 11, 2001, she has been directing a study on the organizational and community response in New York following the terrorist attack on the World Trade Center. Her other current and recent research projects include studies on public perceptions of the earthquake threat in the Northern California Bay Area, sociobehavioral aspects of real-time warning systems for earthquakes, risk communication, the business impacts of earthquakes and other disasters, community homeland security planning, and the use of new technologies in managing extreme events.

Kathleen is a member of the National Construction Safety Team Advisory Committee, which oversaw NIST's investigation of the World Trade Center disaster, and of EERI's "Learning From Earthquakes" Committee. She is also a member of the Executive Committee of the Multidisciplinary Center for Earthquake Engineering Research (MCEER) and a member of the NAS/NRC Committee on Disaster Research in the Social Sciences. She was a contributing author on EERI's research and outreach plan, "Securing Society Against Catastrophic Earthquake Losses," and on the USGS "Plan to Coordinate NEHRP Post-Earthquake Investigations."

Kathleen is lead author on the 2001 book, "Facing the Unexpected: Disaster Preparedness and Response in the United States." Several of her recent post-Hurricane Katrina publications focus on social inequality, hazards, and disasters; media coverage of the Katrina catastrophe; and post-September 11 homeland security and emergency management policy.

Call Kurt at the Engineer's Club for reservations: 314-533-9333, or fax : 314-533-9336, or email: [kurt.krispin@engineersclub.net](mailto:kurt.krispin@engineersclub.net). ASCE is now charged for all reserved lunches. If you've signed up and can't make it, please cancel with Kurt by the Thursday before the meeting or we will have to charge you for the meal.

For details & updates see our Web Page: <http://sections.asce.org/stlouis/index.html>

This newsletter will be sent to all Section members via e-mail. Issues will be sent only to members current with local section dues.



## President's Message

By Marsia Geldert-Murphey

The St. Louis Section has a busy month in May. Starting with this weekend, Saturday, May 6th, our Younger Member group is participating in Rebuilding Together, a program focused on revitalizing neighborhoods. If you are interested in participating in this event please contact Shawwna Erter at [serter@sciengineering.com](mailto:serter@sciengineering.com). I commend our Younger Member group for organizing this very worthwhile event.

May 18th -20th we are hosting the 2006 Structure Congress. I would like to personally thank all the members of the Structural/Seismic Committee for working so hard to put bring this national conference to fruition and allowing our section and community to share in the national spotlight.

Also our section is much honored

to have Kathleen Tierney, Ph.D. speaking at our May luncheon. Dr. Tierney recently spoke to a packed lunch audience of approximately 500 people at the Earthquake Conference in San Francisco to commemorate the 100th Anniversary of the infamous 1906 San Francisco earthquake.

As many of you know the highest earthquake risk in the US outside of the west coast is in the New Madrid Seismic zone. We have recently witnessed, in the aftermath of Hurricanes Katrina and Rita, the devastating affects poor disaster preparation can have on a community.

As an ambassador of our profession, I am very interested in learning how to do a better job communicating the risk and the appropriate preparations that need to take place before a seismic event occurs in our area.

I encourage you to participate where you can and, as always,

please feel free to contact me if you have any suggestions or want to get more involved.

Sincerely,

*Marsia Geldert-Murphey, P.E.*

## Seminars



### ASCE 2006 Structures Congress

**Location:** Adam's Mark St. Louis

**Date/Time:** May 18—20, 2006

**RSVP:** Early Bird Deadline (Registration) April 15, 2006

St. Louis was selected as the place to host the 2006 Structures Congress, thanks to efforts of many dedicated members of the 2003 Structural/Seismic Committee who prepared a winning

proposal, which was later presented it to ASCE National. These members are: Brad Cross, John Finke, Matt Westphal, John Harris, Stephanie Arbogast, Marc Bacchetti, Charlie Henke, Willie Noble, Ted Pruess, Brian Sides, Jim Taylor, Edward Wang, and Ron Williams.

The 2006 Structures Congress will be one of the largest gatherings of structural/civil engineering professionals in St. Louis history. The last event of comparable size took

place in St. Louis in 1988 when ASCE hosted the ASCE National Convention. Approximately 1,000 structural engineers will meet in St. Louis to discuss the latest developments in structural engineering and related fields. It is an extraordinary opportunity to showcase capabilities of our local engineering resources by taking advantage of national exposure.

One of the most important issues which Congress Steering Committee is challenged with is to attract

## ASCE 2006 Structures Congress (Continued)

sponsors to help offset the cost of the conference. Engineers, contractors, and government managers are key attendees for this event.

We believe that strong support from corporations and the engineering community is essential to the success of the Congress. This leadership can be demonstrated in several ways and at many financial levels. Many companies and professional organizations have already signed-up as sponsors to take advantage of this tremendous high-profile exposure for their company.

Detailed information about the program is available at the Congress website at : [www.asce.org/conferences/structures2006/](http://www.asce.org/conferences/structures2006/).

Please share information about this event with your employers, consultants, clients, business partners and

encourage them to consider this opportunity.

As of Dec. 27th the following organizations pledged their support for this important event:

- Jacobs
- Parsons Brinckerhoff Quade & Douglas
- American Institute of Steel Construction
- National Fire Protection Association
- HNTB
- Fru-Con Engineering Inc.
- Portland Cement Association
- KPFF Consulting Engineers
- Burns & McDonnell
- International Code Council
- ABS Consulting
- David Mason & Associates
- Crawford Murphy & Tilly
- KCI Construction Company

- Geotechnology, Inc.
- Washington Engineering & Architecture, P.C.
- HDR Engineering, Inc
- Horner & Shifrin, Inc.
- ASCE St. Louis Section
- Structural Engineering Association of Kansas/Missouri

A considerable support for the congress was also provided by the SIUE School of Engineering. The sponsorship campaign has been endorsed by the President of the Board of Public Service, Marjorie Melton, P.E. who wrote in their letter to local consulting firms *"this event is a unique opportunity for our region to attract the best and the brightest to St. Louis showcasing our city as the most appealing place in which to live and work."*

## Structural Engineering Institute (SEI) 2006 Structures Congress Corporate Registration Package

With 90 concurrent technical sessions being offered over two and half days, there is a tremendous amount of high quality information available at the 2006 Structures Congress in St. Louis. Recognizing the companies need to balance educating their employees against non-billable hours spent out of the office, SEI is again offering a corporate registration option at the Congress.

The Corporate Registration package consists of a minimum of four "corporate" registration badges, which will be tagged to the company rather than to an enabling partial or full day attendance at the Congress depending

on need. The bearer of the corporate badge would be entitled to attend any or all of the Congress technical sessions (excluding Pre-Congress workshops) and have full access to the exhibit hall and coffee breaks during normal exposition hours. A copy of the Proceedings is also included in the package. The registration fee per badge is \$250, half the cost of a full registration package, and tickets for the luncheons, receptions, and special seminars may be purchased separately.

Attendance at the Congress also earns participants Professional Development Hours (PDHs), nation-

ally recognized units of record in non-credit education programs. Corporate registrants will be able to earn up to 19 PDHs for attending the Pre-Congress workshops and the numerous concurrent sessions of the technical program.

To take advantage of this special corporate discount package, you may download the form from ASCE St. Louis Chapter website: <http://sections.asce.org/stlouis/>. Confirmation of the corporate package registration will be sent and the individual badges may be picked up at the Congress. For complete details visit [www.seiinstitute.org](http://www.seiinstitute.org).

## Important Register Information

**Make sure you keep your register information up-to-date by contacting the National ASCE at <http://www.asce.org> or call 800-548-ASCE (2723)!!**

## 2006 ASCE-St. Louis Section Golf Tournament

**Location:** Crystal Springs  
Quarry Golf Club  
12163 Prichard Farm Rd  
Maryland Heights, MO  
314-344-4448

**Date/Time:** Monday, July 17  
**Registration:** 7:30—9 AM  
**Shotgun Start:** 9 AM

**Cost:** \$100 per person  
\$400 per team

This year's major sponsor is  
CONTECH CONSTRUCTION  
PRODUCTS, INC.

Proceeds from this year's tournament will be used to support the scholarship and youth educational programs.

This year's event includes Green Fee and cart, Driving Range, Refreshments on the course (beer, soda, and water), \$10,000 hole-in-one contest, and attendance prizes.

Additional events include: Longest Drive Contest, Closest to the Hole, and Skins game.

For more information contact: Matt Harper, 314-432-2543  
[matt@ilincworld.com](mailto:matt@ilincworld.com).

For entry forms and sponsor forms, please visit the ASCE-St. Louis section website:  
<http://sections.asce.org/stlouis/index.html>

### ASCE Younger Members Announces 2006 Rebuilding Day

The ASCE Younger Members will be involved in the 2006 Rebuilding Day sponsored by Rebuilding Together — St. Louis, on Saturday, May 6, 2006 from 8 AM to 5 PM — rain or shine!

Rebuilding Together — St. Louis revitalizes neighborhoods in partnership with the community by rehabilitating the houses of low-income homeowners, particularly the elderly and the disabled, so that they may continue to live independently in comfort and safety. Rebuilding Together — St. Louis also renews neighborhoods by rebuilding community centers, playgrounds and other community projects.

The ASCE Younger Members will be given a task by the organization on

one or more houses in the city along with hundreds of other organizations on May 6. The type of work to be performed may include building new decks, fixing roofs and siding, sidewalks, plumbing, electrical, etc. In other words, as many repairs that can be accomplished in ONE day.

Depending on the work scope at a house, there will be 5 to 50 individuals at each work site. The average count is 20.

***If other ASCE members, friends or family would like to become involved, the Younger Members would be more than happy to have the support!***

Volunteers are provided lunch and T-shirts. House assignments will be assigned around the middle of April, along with a description of the work to be done. Rebuilding Together — St. Louis does not provide tools, so they ask that you look at the description and bring appropriate tools marked with your name and phone number.

For more information, contact:  
Shawwna Erter, P.E.  
SCI Engineering, Inc.  
[serter@sciengineering.com](mailto:serter@sciengineering.com)

You can visit Rebuilding Together — St. Louis website at:  
[www.rebuildingtogether-stl.org](http://www.rebuildingtogether-stl.org)

## ASDSO West Regional Dam Safety Conference

**Location:** Sheraton Convention  
Center Hotel &  
Overland Park Hotel

**Date:** May 7 — 9, 2006

**Presentations Include:**

- Water Resource Management in Kansas- David Pope, P.E. Chief Engineer, Kansas Department of Agriculture
- Tuttle Creek Reservoir Earthquake Stabilization Project- William Empson III, P.E. US Army

Corps of Engineers

- Taum Sauk Dam Failure- James Alexander, P.E. Missouri Department of Natural Resources

**Topics Include:**

- Dam Rehabilitation and Removal
- Geotechnical Issues
- Foundation Stability

A field trip to Lake Lenexa in Overland Park, Kansas highlights the 2-day event. Complete agenda and registration forms are online at:

[http://www.ks-agr.org/dwr/damsafety/newsletter/west\\_regional.pdf](http://www.ks-agr.org/dwr/damsafety/newsletter/west_regional.pdf)

**Contact:** Beth Cooper  
Information/Education Specialist  
Dam Safety Team  
Division Of Water Resources  
785-296-0573

## Message From Continuing Education Committee

Since continuing education (CE) requirements were introduced by many states there has been a significant increase in number of courses offered by various organizations.

It is important to keep in mind that an accurate record keeping is the responsibility of the licensee. Missouri Board of Professional Engineers requires that adequate records must be maintained for a minimum of four years for auditing purposes. Illinois Department of Professional Regulation requires record availability for a period of 6 years for licensed professional engineers and 5 years for licensed structural engineers.

As a benefit to our members, ASCE Continuing Education Committee collects and maintains records of continuing education events sponsored or co-sponsored by the ASCE St. Louis Sec-

tion. These records include: event announcements with date, location, topic, duration, speakers' name and qualifications, and list of participants. The event records are provided by volunteer organizers.

Members responsible for organizing qualified continuing education events should submit event records to Continuing Education Committee Chair - Jarek Czernikiewicz, PE - City of St. Louis Board of Public Service, City Hall Room 301, 1200 Market Street, St. Louis, MO 63103; tel (314) 589-6606 or e-mail to: czernikiewiczj@stlouiscity.com

Additional information is available from the following websites:

### Missouri Professional Engineers

<http://pr.mo.gov/apelsla-continuing-education.asp>

### Illinois Professional Engineers

<http://www.ilga.gov/commission/jcar/admin-code/068/068014800001850R.html>

### Illinois Structural Engineers

<http://www.ilga.gov/commission/jcar/admin-code/068/068013800003250R.html>

## 2006 GeoMO Conference SOIL STRENGTH AND SLOPE STABILITY

**Location:** University of Missouri-Rolla

**Date/Time:** Friday, May 19, 2006  
9 AM — 4:30 PM

**Speakers:** J. Michael Duncan,  
Virginia Tech University  
&  
Stephen G. Wright,  
University of Texas

**Cost:** \$125

Soil Strength and Slope Stability is a practical short course on methods of estimating, measuring and selecting soil strength values for use in slope stability analyses, and for performing thorough and efficient analyses of the stability of slopes. The workshop is designed to answer questions that arise frequently in geotechnical engineering practice, such as:

- When should effective stress methods be used for slope stability analyses, and when should

total stress methods be used?

- What types of laboratory and in situ tests should be used to measure soil strengths for slope stability analyses?
- How can soil properties be evaluated using correlations with index tests, and the results of SPT and CPT tests?
- What ground water levels should be used in design of slopes, and how can back analyses be used to determine appropriate pore pressures within slopes?
- When is it acceptable to use the Ordinary Method of Slices to compute factors of safety for slopes, and when are more advanced methods such as Bishop's Method, Spencer's Method, or Morgenstern and Price's Method needed?
- When are circular slip surfaces suitable for slope stability analyses, and when is it important to consider non-circular surfaces?

- What techniques can be used for quality control of the results of slope stability analyses?

Course participants will gain familiarity with these and other topics related to soil strength and slope stability evaluations through a full day of lectures and an extensive set of course notes.

Registration includes course notes, video materials, and a luncheon. Attendees will also receive a certificate for six Professional Development Hours. For registration and further information visit our website at:  
<http://dce.umar.edu/NonCredit/Conferences/>

For Registration Information:

Distance and Continuing Education  
University of Missouri—Rolla  
1870 Miner Circle  
University Center—East, Second Floor  
Rolla, MO 65409  
Phone: 573-341-6576  
Fax: 573-341-4992  
Email: [dce@umar.edu](mailto:dce@umar.edu)

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## Scholarship Contributions

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This is a reminder to the Section members (non-life) concerning their Scholarship Contributions to the St. Louis Section. These contributions are for three scholarships awarded by the Section to students at Washington University, SIUE and SIUC. The scholarships are named for the Past Presidents of the section, the section National Honorary members and the

Section Life Members. It is suggested that the members contribute \$15 in one of two ways:

1. Include the amount when paying their dues to National
2. Send their check to our new Treasurer, Neil Palmer, 7338 Pershing, 1st Floor, St. Louis,

MO 63130.

Checks should be made payable to St. Louis Section – ASCE. We hope to obtain \$3,000 - \$1,500 from the Section Life Members and \$1,500 from the Section non-life members. The Life Members will receive a separate reminder. Thanks for your continuing support for this worthy cause.

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## St. Louis Section Annual Awards

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Nominations are now being accepted for the 2006 local awards to be distributed at the ASCE St. Louis 2006 Annual Dinner and Awards Banquet this September. These awards represent an exciting opportunity to recognize service to the profession and the community, please take advantage of them.

The 2006 local awards include:

- **Outstanding Civil Engineering Achievement** – presented for an engineering project that demonstrates contribution to the com-

munity; resourcefulness in planning; and innovation in design and construction.

- **Professional Recognition Award** — presented to an individual with an established reputation for professional service; objective and lasting achievement in improving the conditions under which professional engineers practice; and a significant contribution to civil engineering education and guidance of young civil engineers.

- **Young Engineer Award** – presented to a young member who has advanced the profession; exhibited technical competence, high character, and integrity; improved member attitudes towards the profession; and contributed public service outside his or her professional career.

Please contact Michael T. Buechter at [mtbuec@stlmsd.com](mailto:mtbuec@stlmsd.com), or call (314) 768-2772, to obtain information regarding nominations and nomination packets.

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## Green Roof Symposium

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**Location:** SIUE

**Date:** June 30, 2006

Mark your calendars to attend the Green Roof Symposium on June 30 at SIUE. National and local speakers will present case studies, local research,

and design/specification information. Tours of the SIUE field site location and views of the Engineering Building field site will be available. For more information and to register, visit <http://www.green-siue.com/>.

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## ASCE Annual Dinner

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**Location:** Missouri Athletic Club  
405 Washington Ave.  
St. Louis, MO 63102

**Date:** September 15, 2006

Mark your calendars! Details to follow.

## Member Services — Position Openings

### Structural Engineers and Project Managers

KPFF Consulting Engineers has immediate openings for highly skilled, communicative and motivated structural engineers and project managers.

Candidates should have a minimum of four years of experience designing building structures in a variety of building materials, including concrete, steel, light gage, masonry, and wood. Seismic design, PT concrete, and renovation experience a plus. BS (MS a plus) and PE required.

Please e-mail your cover letter and resume to Resumes@kpff-stl.com and visit us at [www.kpff.com](http://www.kpff.com).

### PE MO Licensed Civil Engineer

PE Mo licensed civil engineer with 3—5 years experience and strong knowledge of AutoCAD Land Development Desktop 2004 or equal, PondPack 10, Microsoft Word and Excel. Must be able to run hydraulic analysis of stormwater detention, pipe hydraulics and work out storm drainage issues. Also very knowledgeable of site grading, earthwork, SWPPP, Site Plans, Improvement Plans and subdivision design. Must interact well with individual clients and regulatory agencies such as MSD, MoDOT, and County Highway Dept.

John N. Wurm  
James Engineering & Surveying  
10811 Big Bend Blvd.  
314-822-1006; Fax: 314-822-0006  
[www.James-Eng.com](http://www.James-Eng.com)  
[john@james-eng.com](mailto:john@james-eng.com)

### Engineering Project Manager

American Water Company is seeking engineer to be responsible for conventional Engineering assignments and/or Project Management or Engineering projects of moderate scope and complexity related to water resource systems. Additional responsibilities include the management of capital investment projects from planning to construction, engineering support of utility operations, and internal consulting for business development opportunities.

### Engineer — Project Delivery and Developer Services

American Water Company is seeking engineer to be responsible for project management, engineering design, bidding, and construction management, etc. on projects relating to various aspects of the business. Responsibilities may also include the technical supervision over consulting project engineers, technicians, CADD operators and/or Construction Inspectors. The job location is in Woodridge, IL and St. Louis, MO. Minimum 2—4 years experience in water resources design and project management and a Bachelor's Degree in Engineering required.

### Project and Construction Management

American Water Company is looking for two engineers in St. Louis, MO to be responsible for project and construction management, engineering design, and to provide technical expertise on engineering and operational issues for a nationwide water and wastewater utility. Responsibilities may also include the technical supervision over consulting project engineers, technicians, CADD operators and/or design and project management. Bachelor's Degree in Engineering.

For more information, including Key Accountabilities and Skills, Knowledge and Experience Required, contact:

Ratika Dayaldasani  
American Water Company  
727 Craig Road  
St. Louis, MO 63141  
Fax: 314-991-2715  
[cr.jobs@amwater.com](mailto:cr.jobs@amwater.com)  
EEO/AA

SCI Engineering has several job openings listed on the career page of our website  
[www.sciengineering.com](http://www.sciengineering.com):

- Accountant
- Archaeological Technicians
- Collections Clerk
- Geotechnical Staff Engineer (EIT)
- Geotechnical/Construction Laboratory Supervisor
- Geotechnical/Construction Laboratory Technician
- Environmental Project Engineer
- Environmental Staff Engineer/Scientist and Project Manager Engineer
- Engineering Field Technicians
- Steel Inspector

### Project Manager—Estimator

Byrne & Jones Construction currently has an immediate full-time opening for a Project Manager—Estimator. A Bachelor's degree and a minimum of 2 years relevant work experience required.

Responsibilities include: completing accurate take-offs and pricing from plans and specs; Contacting potential clients to expand our existing account base, determining project requirements, and developing solid business relationships; Maintaining accurate records for billings; Experience in civil work and/or road work; Reinforce our client's confidence.

Compensation includes base salary and performance bonus as well as outstanding benefits. Please e-mail resume to [kkues@byrneandjones.com](mailto:kkues@byrneandjones.com) or fax to Kathy at 314-567-1828.

### Entry Level or Junior Level Civil/Structural Engineer

POWER Engineers, Inc. is seeking an entry level or junior level Civil/Structural Engineer to work in our St. Louis, MO office. The successful candidate will work in our Energy Division, learning to design overhead transmission line and substation structures, foundations, and their related facilities. BSCE is required (minimum 2.7 GPA) and the ideal coursework includes structural analysis, concrete, steel, soils, foundations, surveying, grading,

## Member Services — Position Openings (Continued)

and drainage. Some designing, drafting, or engineering work experience is desirable (may have been on a co-op or intern basis). EIT registration required. The ideal candidate is interested in consulting engineering and the electric utility industry.

Contact:  
Sue Canton  
POWER Engineers, Inc.  
1-208-788-0699

### Structural Engineering Project Manager

Larson Engineering of Missouri is seeking a Structural Engineering Project Manager with 5+ years experience in commercial and/or institutional building design. This position will require excellent communication skills and a strong knowledge of the local construction industry. Ideal candidates will have strong organizational skills and the ability to multi-task. PE license required.

### Civil Engineer

Larson Engineering of Missouri is seeking an individual with 10+ years experience in the civil engineering field. Such an individual will be responsible for client marketing in addition to being the civil department manager. This position will require excellent communication skills and a strong knowledge of the local construction industry. Ideal candidates will have strong organizational skills and the ability to multitask. SE license preferred.

### Structural Engineer

Larson Engineering of Missouri is seeking a qualified Structural Engineer to join our growing team of professionals. Candidate must have experience in the industrial field and possess strong organizational abilities and be multi-task oriented.

Direct resumes to:  
Larson Engineering of Missouri  
5757 Phantom Drive, Suite 200  
St. Louis, MO 63042-2455  
Phone: (314) 731-4710

Fax: (314) 731-4712  
tbussen@larsonmo.com  
EOE

### Structural Engineer

Immediate opening for a Structural Engineer, BS or MS with PE and five year plus experience in structural design of buildings and special structures. This position will provide the opportunity to work on a wide variety of exciting projects. Please send to [gholam.Masoumy@edm-inc.com](mailto:gholam.Masoumy@edm-inc.com), or mail to: EDM Incorporated, 220 Mansion House Center, St. Louis, MO 63102. For further inquires contact Vicki Parker, 314-335-6920.

### Senior Bridge Engineer

Burns & McDonnell has an opening for a senior bridge engineer in the St. Louis office. The opening is for a lead bridge engineer on bridge project for MoDOT, IDOT, municipalities and counties. 10—15 years experience required. Candidate must have Missouri PE and be eligible to obtain Illinois SE. Additional requirements include good communication skills, good organizational skills, and good skills leading a team of engineers and technicians in production of bridge designs. Email cover letter and resume to Randy Bernhardt, [rbernhardt@burnsmcd.com](mailto:rbernhardt@burnsmcd.com). For more information call Mr. Bernhardt at 314-821-9016.

### Environmental Engineer

Horner & Shifrin, Inc. is currently seeking experienced engineer for a full-time environmental engineer position in their St. Louis, MO office.

The Environmental Engineer position requires 4-8 years of experience in water/wastewater treatment planning and design. Good communication and project management skills strongly desired. Excellent benefits in this 100% employee-owned company. Salary commensurate with experience. Interested candidates should e-mail a cover letter and re-

sume to [employment@hornersshifrin.com](mailto:employment@hornersshifrin.com) or fax it to 314-531-6966. Visit Horner & Shifrin, Inc. online at [www.hornersshifrin.com](http://www.hornersshifrin.com).

### Geotechnical Engineer

Shannon & Wilson, Inc. is seeking a full-time geotechnical engineer in their St. Louis, MO office to prepare geotechnical engineering proposals, plan field explorations and sample collection, plan geotechnical laboratory testing programs, perform engineering analyses and calculations, write geotechnical engineering reports, and interact and communicate with clients. Candidate must have 3—8 years experience, with experience in the Midwest required; license to practice engineering in Missouri; M.S. degree, Civil Engineering with geotechnical specialty. For more information, contact:

### HR/JOBS

Shannon & Wilson, Inc.  
2043 Westport Center Drive  
St. Louis, MO 63146-3564  
E-mail: [jobs@shanwil.com](mailto:jobs@shanwil.com)

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## UMSL Online Engineering Ethics Course

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### Engineering Ethics Course Offered Online Summer 2006

In this online course, you will examine ethical issues in engineering. With a problem-solving orientation, this course will allow you to analyze high-profile cases, such as the Challenger

disaster, as well as hypothetical cases illustrating the more commonly encountered moral problems in engineering. Topics include the engineer/manager relationship, engineers and the environment, honesty in engineering, and risk, safety, and liability. The Engineering Ethics course will satisfy a lower-level Humanity requirement for the engineering students.

For more information about this course, please contact:

Dr. Kimberly Maricic,  
[maricick@umsl.edu](mailto:maricick@umsl.edu), or phone the Department of Philosophy office at (314)516-5631.

Registration Information: PHIL 2259:  
Ref. #55050  
Session V: June 12-August 5, 2006

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## ASCE Newsletter via E-mail and Postal Delivery:

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ASCE National keeps a central database that holds all ASCE members' individual information. This database is downloaded by the St. Louis Section on the first of every month for Section use. This provides the Section with both mailing and e-mail addresses AS THEY ARE SHOWN ON YOUR NATIONAL RECORDS. Therefore, if you need to update these addresses regarding your receipt of the newsletter, please do so at the National level ([www.asce.org](http://www.asce.org)) so we will be forwarded the updated information.

### News Items

Please try to get all announcements for placement in the newsletter to the Newsletter Chairman by the 15th of the month prior to publication. Items may be sent (e-mail preferred) to the Newsletter Editor:

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Most news items will be available on the Section's Web Page, which can be reached via the link on ASCE National Website ([www.asce.org](http://www.asce.org)). Click on "Geographical and International Units" to link to the Section or go directly to our page at: <http://sections.asce.org/stlouis/index.html>. The Web Page Editor is Steve Randolph e-mail: [srandolph@hornershifrin.com](mailto:srandolph@hornershifrin.com) or via feedback directly from our website.