



The Missouri Engineer

The Official Publication of the Missouri Society of Professional Engineers
whose mission is to promote the ethical and competent practice of engineering

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New PE's Recognized

Legislation Under Consideration For 2009 Session

Topping the list of possible legislation MSPE could make a priority in 2009 are revisions to the registration laws governing the practice of professional engineering, architecture, land surveying and landscape architecture and a primary seat belt law. However, in order for MSPE to move any issues forward in 2009, Executive Director Bruce A. Wylie contends, "we will have to have a bi-partisan effort." because the results of the 2008 General Election gave Missouri a Democratic Governor while retaining a Republican-controlled Legislature

Members of the Missouri Board for Architects, Professional Engineers, Land Surveyors and Landscape Architects (MoAPELSLA) are proposing revisions in two areas, Section 327.031 and Section 327.411, and are seeking the support of the associations representing the board's four professions. Changes to Section 327.031 would include: possibly adding an additional engineering member to the composition of the board, allowing all three landscape architect representatives to vote; clarifying the quorum needed for divisional activities to be conducted, providing a sequential rotation among the four professions for the chairperson of the board with a maximum four-year term for any one chairperson, clarifying disciplinary action of the board, including suspension, probation, and revocation and defining retired status for land surveyors. Following a Missouri Supreme Court decision that

reversed disciplinary action recommended by the MoAPELSLA Board and handed down by the Administrative Hearing Commission to admonish a Professional Engineer modifying and affixing his seal to plans originally prepared by an architect, the licensing board has developed new language for Section 327.411 to more clearly address immediate personal supervision before sealing plans. Language has been developed stating that licensees can only practice in their area of competence, by virtue of education, experience and examination, whether that

person is an architect, engineer, land surveyor or landscape architect. All of the changes proposed to Chapter 327 will be discussed by the Professional Design Alliance, representing the four professional associations under the licensing board's jurisdiction.

MSPE has been approached to become part of the Coalition for Highway Safety supporting a primary seatbelt law in Missouri. Proponents of a primary seatbelt law cite passage will save approximately 90 lives and prevent over 1,000 serious injuries while at the same time

saving taxpayers in medical costs without any cost to Missouri taxpayers. Additionally, passage of a primary seatbelt law would qualify Missouri for \$16 million in federal transportation funds. This will be the third session this legislation has been introduced. At the present time, MSPE's Executive Committee has adopted a neutral position – not actively supporting, but not opposing.

If you know of legislation that MSPE should consider, please contact MSPE's Executive Director at brucewylie@mspe.org.

Red Carpet Rolled Out For NSPE President



MSPE's Western Chapter rolled out the red carpet for NSPE President Brad Alrich, P.E. (third from left) to mark the 45th consecutive visit to the chapter by NSPE's volunteer leader. Joining the festivities were: (from left to right) President Elect Ben Ross, P.E., President Charlie Powell, P.E., Alrich, Western Chapter President John Balling, P.E., MSPE Executive Director Bruce Wylie and Mike Meyers, P.E., NSPE North Central Region Board of Directors Representative.

Your Foundation Donations Are An Investment In Engineering's Future

Even though we are experiencing difficult economic times in our nation, we must continue to focus on the future and the exciting things a donation to the MSPE Educational Foundation can generate.

Your donation allows the MSPE Educational Foundation to:

- Encourage the study of engineering;
- Promote licensure of engineering school faculty;
- Maintain suitable standards of engineering education for the licensing of Professional Engineers;
- Improve the public image of engineers in their relations with the public;
- Provide scholarships for worthy and qualified applicants at one or more engineering schools in the State of Missouri, which are accredited by the Accreditation Board for Engineering and Technology.

A gift to the Educational Foundation may be a monetary contribution, donation of stock, or even an estate or insurance bequest. Monetary gifts can be earmarked for immediate expense to support specific programs including the

\$2,000 Cohen Scholarship awarded to a currently-enrolled college student majoring in engineering, the State MATHCOUNTS competition, or to reduce the Educational Foundation Building debt, which now stands at \$146,700. If you prefer, however, your donation can be deposited directly into the Educational Foundation's endowment fund where the original principal is never expended and only the interest, dividends and capital gains are expended to support the Foundation's endeavors.

To make your donation, you can either complete the contribution form included with this request and mail your check to MSPE, or include your Educational Foundation gift as a voluntary contribution on your 2008 dues statement from MSPE. If you elect to donate stock, a simple process allows you to transfer share ownership to the MSPE Educational Foundation. Stock transfer enables you to donate at the current value of the stock, claiming a higher deduction than if you donated stock proceeds, while

saving on fees and capital gains taxes. When you select the stock contribution method, the MSPE staff or its financial representative will contact you with the transfer details. Contributions made by December 31, 2008 may be claimed on your 2008 income tax.

Remember, your donation to MSPE's Educational Foundation, no matter how large or how small is an investment in the future of professional engineering and is welcome any day of the year!

Thank you for your thoughtful contemplation.

Sincerely,



Charles E. Powell, President
MSPE Educational Foundation

MSPE Mailbag

This is to express my appreciation and to thank you, your staff, all MSPE officers, members and families for the assistance, encouragement, acts of kindness to my family members and myself while attending the annual meeting.

Having the privilege to address the entire group Saturday evening was exciting, very stressful and extremely rewarding. The major credit for my longevity goes to my wife who had been made aware of my forthcoming honor. I am very thankful for that, as she was my continuous backup and mentor for 61 years. She was a professional.

Thanks again and best wishes for continued excellence with the Missouri Society of Professional Engineers.

Sincerely,

Vernon R. Lawson, P.E.

I'm glad I got the opportunity to talk with you during the NSPE president's visit to UMKC SCE. I was excited to be a part of the talks and discussions that we engaged in with potential students, current students, our faculty and our Kansas City professional engineers by NSPE and MSPE leaders. I'm looking forward to working with you and your organization on engineering licensure, ethics and pipeline issues. Together, we can grow the next generation of engineers.

Best regards,
Kevin Z. Truman, Ph.D., Dean and Professor of Civil Engineering, UMKC School of Computing and Engineering

The Missouri Engineer

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Executive Committee Studies Membership Decline; Weighs Options for State/Chapter Option

MSPE's Executive Committee held meetings on August 7 and October 10 to address society issues. At both meetings, much concern was expressed over declining membership. The 2007-2008 fiscal year ended \$12,900 over budget – primarily from a \$25,000 decline in dues collections.

To combat the income deficit, the Board of Directors passed a \$17 dues increase that went into effect July 1, 2008. In August, Director of Membership Marla Day submitted a 12-month report of membership by chapter showing an overall decline. October's report still showed an overall decline, but not as severe. Also in August, Executive Director Bruce A. Wylie produced reports from NSPE showing every state society, except one, had double-digit percentage declines over the past seven years. He noted the staff's frustration that NSPE has failed to address the national membership decline which leaves the state societies to address the issue on their own. Treasurer Britt Smith, P.E., who chairs a special Membership Task Force, shared notes from the group's conference calls at both meetings. The Task Force has reviewed prior recruitment and retention efforts the previous 10 years and brainstormed a variety of ideas but has yet to develop a substantive plan. Because of its severity, the membership effort may require the expertise of outside consultants. Continued discussion by the Executive Committee led them to identify three objectives for membership recruitment and retention, including:

1. identifying and providing value to P.E.'s,
2. appealing to both "old" and "young" members
3. Enticing qualified and forward thinking members to volunteer and serve.

They also decided in October to pursue allowing a two-tier state/chapter option for membership and appointed Immediate Past President Ronald F. Kadane, P.E., President-Elect Ben Ross, P.E., Young Engineer Representative Ross Kasmann, E.I. and Board of Director Representative Kevin Rohner, P.E. to draft language for the Bylaws Committee's consideration.

MSPE

In other action for MSPE, the Executive Committee:

- Heard reports from President Charles E. Powell, P.E. recapping the North Central conference calls that Mike Meyers,



MSPE's Executive Committee gather for their August meeting in the conference room at Palmerton & Parrish, Inc. in Springfield, Missouri to discuss the society's declining membership as well as a long list of other issues.

P.E., NSPE Board of Director Representative is holding to report on NSPE activities, the President's Workshop. (See related article, Pages 6-7), plus his attendance at the 45th Annual NSPE President Visit to the Western Chapter along with President-Elect Ben Ross, P.E. and Executive Director Bruce Wylie. (See related article, Page 5)

- Requested staff draft a letter for President Powell's signature to NSPE's President outlining MSPE's intent to repay \$6,000 over the next three years for the miscalculations in the 2006 advance paid to MSPE in lieu of dues collection.

- Learned from House of Delegates Representative Fred E. Palmerton, P.E. that Missouri was well represented in Portland, Oregon at NSPE's 2008 Annual Meeting by himself, President Powell, Kevin Skibiski, P.E., Bill Clarke, P.E., Cliff Jarvis, P.E., Jo Emerick, P.E., Bob Becnel, P.E. and Mike Meyers, P.E.

- Voted to support the changes to Chapter 327 as offered by the Missouri Board for Architects, Professional Engineers, Land Surveyors and Landscape Architects (See related article, Page 1) and respond to MoAPELSLA that MSPE will only support the changes as drafted.

- Provided consensus to the rule changes proposed in the September 15, 2008 Missouri Register clarifying PDH collection and changing the standards for licensure that addresses unaccredited graduate degrees from a US accredited undergraduate engineering programs.

- Received Chapter Presidents Reports from four chapters.

- Circulated a note received from Kevin Z. Truman, Ph.D., Dean and Professor of Civil Engineering at UMKC SCE after the NSPE President's visit wanting to work towards faculty licensure and

supporting the Western Chapter. (See related article, P.2)

- Authorized a request to change the investment broker/advisor following verification of transfer out fees.
- Discussed who should be assigned to performing internal audits and the frequency of outside audits.
- Confirmed MSPE's position to oppose separate structural engineering licensure from general professional engineering licensure.

EDUCATIONAL FOUNDATION

Acting on behalf of the Educational Foundation, the Executive Committee:

- Learned from the Executive Director that roof repairs were made and parking lot maintenance may be necessary.
- Accepted the year-end 2007-2008 financial statement and the first quarter statement for fiscal year 2008-2009.
- Delayed further activity on building fund-raising to pay off the mortgage until the economic climate has improved.
- Amended the Chapter Grants Guidelines to set January 1 as the deadline for grant requests, included students chapters to the qualified possible recipients of a grant and added "Cash Payments" on the list of not funded activities.
- Deferred a Kimel Program Committee recommendation to invest \$20,000 of the money market account into mutual funds until the market settles.
- Found out Missouri S&T has declined the Kimel Program Committee's offer of preparing a plaque to honor current and retired faculty that are licensed P.E.'s in Missouri because they prefer to have all faculty listed.

The Executive Committee's next meeting is Friday, January 30, 2009 in the MSPE office.

Western Chapter Hosts 45th Consecutive NSPE President

(Editor's Note: Excerpted from an article by Merrill W. Watt, II, P.E., MSPE Western Chapter Past President)

Bradley F. Aldrich, P.E., F.NSPE of Montpelier, Vermont made the 45th consecutive National Society of Professional Engineers' president's sojourn to MSPE Western Chapter on September 17-18, 2008; a tradition that is unparalleled Society-wide.

The annual trip allows NSPE presidents a first hand assessment, insight, and face-to-face interaction with Missouri's state society by experiencing wide ranging activities. Some new initiatives were added to this year's agenda, including a first-ever role for an NSPE president to deliver the keynote presentation at the University of Missouri at Kansas City (UMKC) School of Computing and Engineering (SCE) open house on September 17 for high school students who have strong interests in science, technologies, math and an engineering career.

At the next morning's "Engineers Early Bird Breakfast and Buzz," Aldrich's personal and inviting communication style naturally encouraged conversation among invitees including Western Chapter's current leadership and past presidents, MSPE's state society executive officers, local NSPE leaders plus counterparts from the Eastern Chapter of Kansas Society of Professional Engineers and KSPE .

Following breakfast, an on-campus visit to connect with engineering students, professors and the leadership of UMKC's School of Computing and Engineering (SCE). This is the fifth consecutive year



NSPE President Brad Aldrich, P.E., (back row, third from left) and MSPE Western Chapter and State leaders meet with UMKC School of Computing and Engineering faculty members to discuss P.E. licensure, curriculum needs for future engineers as well as potential funding source's for research and development projects.

SCE has invited the NSPE President to an orientation regarding its mission, curriculum and programs. Dean Kevin Z. Truman, Ph.D. along with his department chairs, associate deans and faculty staff met with Aldrich to exchange views on engineering higher education, unique qualities about the school and its student's growing interest in the profession. Aldrich took the opportunity to advocate licensure by engaging in a discussion on the importance of P.E. status for faculty, including alternative pathways to obtain their licensure.

"Pizza with the NSPE President" gave student chapter members and prospec-

tive members a chance to hear what is going on in engineering, licensure, and what the future may hold. "This lunch and learn was exciting and valuable," an enthusiastic prospective member exclaimed while prospective members gathered around Student Chapter President Tom Assel to learn how to join and what the upcoming actives would offer. President Aldrich spoke to a record-setting crowd of 52 students; then joined with MSPE President Charles E. Powell, P.E., Western Chapter President John Balling, P.E. and MSPE Executive Director Bruce Wylie to acknowledge and congratulate Katie Horner, UMKC SCE Civil Engineering student, as the winner of the MSPE Educational Foundation's \$2,000 Cohen Scholarship.

Curriculum needs for future engineers from Industry/Academia's perspective was the topic of a working lunch hosted for Aldrich and attended by SCE Dean Truman, Dr. Mark McClernon, P.E., Chair, SCE Civil and Mechanical Engineering; Dr. Appie van de Liefvoort, Chair, SCE Computer Science Electrical Engineering; Dr. Khosrow Sohraby, P.E., SCE Associate Dean of Research & NSPE Student Chapter Faculty Advisor; Dr. Jerry Place, SCE Associate Dean of Academics; MSPE President Charles E. Powell, MSPE President-Elect Benjamin Ross, P.E. and others. During lunch, they learned SCE's commitment to provide the types and levels of higher education programs including practice enhancement skills and life long learning curriculum for engineer employers and individual engineers. Dr. Appie van de Liefvoort revealed statistics showing

soaring growth which underscores the need to rapidly get more highly qualified teaching faculty, lab space and equipment, classrooms, library, and auditorium facilities.

Connecting assistant professors' research visions with potential funding sources was another new initiative hosted by Dean Truman and Dr. Sohraby. The concept was to gain the benefit of the NSPE President's knowledge of where there are R&D needs and potential funding sources. Seven assistant professors synopsized their research interests prompting discussions about various private and government sector end users for the research products, potential funding sources, and unconventional funding methods via unsolicited proposals. The NSPE, MSPE and Western Chapter leaders shared their perspectives about needed research and the importance of undergraduates participating in research projects to gain experience.

The closing activity of the day's agenda was a joint meeting of Western Chapter, MSPE and Eastern Chapter, KSPE Boards of Directors and joint general membership dinner meeting at the renowned Hereford House Steak Restaurant. President Aldrich participated in the presentation of four life member certificates.

As for his opinion of his time spent with Western Chapter, MSPE, President Aldrich was concise. "I am impressed with the high energy levels of the people and their diverse, quality activities. This is the place to watch for the future!"



Katie Horner (center), civil engineering student at UMKC School of Computing and Engineering, is acknowledged as the winner of the MSPE Educational Foundation's \$2,000 Cohen Scholarship Award. Congratulating Homer are (from left to right) UMKC-SCE Dean Kevin Z. Truman, Western Chapter President John Balling, P.E., NSPE President Brad Aldrich, P.E. and MSPE President Charlie Powell, P.E.

PE's In Industry Accepting Entries For New Product Award

New and improved products stimulate the life and growth of the state. These benefits result from research and development to which engineers make their unique contribution. This competition recognizes the results of those efforts and the foresight of the companies whose aggressive policies bring new products to the marketplace.

The purpose of the MSPE/PEI New Product Award program is to recognize the full spectrum of benefits that come from the research and engineering of new products. These include added employment, economic development, strengthening of the nation's competitive position internationally, and contribution to the public's standard of living.

Eligibility

Any new product, machine, process, or material that has been developed in the United States may be entered provided that it was first placed on the market between 2004 and 2008.

Entry Forms/Fees

The nomination form is available on MSPE's website at www.mspe.org. Click on Practice Divisions and choose industry, then choose New Product Award. There is a **\$50 entry fee**. Make checks payable to MSPE.

Judging

Nominations will be grouped according to size of company. Winners will be selected in four employment categories: small (50 or fewer employees), medium (51 to 199 employees), large (200 to 9,999 employees), and mega (10,000 or more employees).

Presentation

Awards will be presented by MSPE during the Society's Annual Convention in June.

Publicity

Extensive coverage by the news media will be encouraged to promote the greatest public exposure for the winning products and companies. Prior years' winners will be featured in announcements for succeeding competitions.

NSPE New Product Award

The top two finalists of the MSPE Award in each of the four size categories are eligible for the National Society of Professional Engineers New Product Award contest.

Rules

1. Entries must be received at MSPE no later than **April 1, 2009**.

2. The entry should include a detailed product description including photos, brochures, and samples if feasible. The entries will be judged on the following criteria. Please be as specific as possible.

Sales and economic impact (20%):

Marketing - describe the success of any marketing efforts to date.

Economic impact - describe the product's

impact or anticipated impact on the economy. Discuss the use of raw materials, jobs and/or engineering positions created, market share, exports, etc.

Innovative use of engineering principles (40%):

Creativity - describe how this product is unique from other products providing the same or similar functions.

Technology - describe how new or current technology is used in the manufacture or production of this product and/or what novel engineering principles are incorporated into its design.

Quality - describe how this product is superior in its reliability, accuracy, maintainability and construction

P.E. Contribution - describe any involve-

ment by a Professional Engineer(s) in the planning/design/production of this product. Provide a description of involvement, name(s), registration number(s) and state(s) registered in.

Improved function (40%):

Savings - savings in final cost of product, savings to user of product, savings to environment in its production or use or savings over previous product performing the same function.

Productivity - efficiency in design and/or production or in ease of use of product, or increased efficiency or ease of use resulting from additional functions over that of a previous product.

Energy - savings in use of energy during

production or in use of product (measured in kwh, btu, etc.).

Safety - improved safety in the production process or to consumer in use of product.

3. The entry should be separated into sections for each of the above criteria. All materials should be submitted on 8-1/2" x 11" sheets.

4. **Two** copies of the MSPE nomination form, supporting materials, and samples must be submitted with each entry.

5. Nomination materials, including product samples, become the property of MSPE and will not be returned except through prior request.

MSPE 72nd Annual Convention

Branson Bound

1 2 3

EXTREME MEASURES

4 5 6

June 21-24, 2009 at Radisson Hotel Branson

Event Schedule of Events

Membership Events				
Business Meetings				
Travel/Free Time				
	Sunday	Monday	Tuesday	Wednesday
8 am		Practice Division Meetings	PDH Session Education Ethics Time Management Life Balance Skills	PDH Session Extreme Projects
9 am				
10 am		Board of Directors Meeting		
11 am				
12 pm		Engineers Lunch Meeting of the Membership	Engineers Lunch	
1 pm			PDH Session Green Issues Alternative/Renewable Energy	
2 pm		Board of Directors Meeting		
3 pm	Executive Committee Meeting	PDH Session Motivational Program		
4 pm				
5 pm				
6 pm				
7 pm	Executive Committee Dinner	Annual Banquet Dinner, Awards, Officer Installation and Titanic Museum Tour	Fun Night	



MSPE President Charles E. Powell, P.E. (standing) identifies the focus of the 2008 President's Workshop to the 19 attendees.

2008 President's Workshop

Addressing Ways To Keep MSPE's Membership Numbers

Seven of MSPE's 10 chapters sent representatives to the 2008 President's Workshop which focused on "Stopping Our Membership Decline." During the day-long event, President Charles E. Powell, P.E. assisted by MSPE Executive Director Bruce Wylie and Britt Smith, P.E., MSPE Treasurer/Membership Task Force Chair facilitated discussion. Representatives were asked to be active participants in the workshop by sharing their ideas on methods to retain and attract new members.

To open the workshop, Executive Director Bruce Wylie reviewed MSPE's membership statistics which show a 25-year decline. President Powell asked the attendees to keep these statistics in mind while discussing new ideas to keep the current membership numbers "steady." Britt Smith reported that a special Membership Task Force was trying to confront generational differences by focusing on the wants/needs of the younger audience. "It would be great if we could just require all licensed engineers in Missouri to be a member of MSPE," Smith said, "because MSPE is already providing a service that all PE's benefit from."

Membership Value

To encourage participation, attendees were asked to share why they joined MSPE. Responses included: Boss' encouragement, Asked to join by a fellow member, for networking, for the professionalism, invited to attend a meeting, interested in community service, business development, to give back to profession, develop leadership skills, and generationally, it was considered "the right thing to do." Members, as well as chapters, were encouraged to use these points as they engage in recruiting new members. Afterwards, the group was asked, "One you joined, why did you



David Howe, P.E. (right) and Kevin Rohner, P.E. (left) share their ideas how to keep to MSPE's membership from declining further.

stay?" The responses included: to give back to the profession, for PDH's, because of MATHCOUNTS, to protect and preserve the profession, to participate in the activities, to be a role model/mentor, to support the mission of MSPE, as a way to be involved in community activities. As Chapter's engage in retention efforts, these answers become positive reasons for those that might be on the edge of dropping to continue their membership.

Member Recruitment Tips

Attendees offered the following ideas to introduce MSPE to new members:

- Find out what attracts younger members. The number of engineering graduates is going down, so the

(See Workshop on Page 5)

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ed.hanstein@premieretechnical.com



Listening to comments from fellow members participating in the President's Workshop are (from left to right) Shannon Howe, P.E., Rick Kaufman, P.E., Sean Matoch, P.E., Cliff Jarvis, P.E., Ashley Coffman, P.E., and Mike Meyers, P.E.

Workshop

(from Page 4)

pool of younger members is decreasing. We should study other organizations like Engineers Without Borders organization which has really taken off with a huge membership base of young members. NSPE PEPP just published a survey done by their young engineers group on "What motivates young engineers?" Look for this document on MSPE's website at www.mspe.org.

- Emphasize the Practice Divisions' activities because \$5 of the dues goes to support the practice division.

- Use the PE Ceremony as an opportunity for member recruitment. Chapters should review the listing of new PE's in their area and call to encourage their attendance.
- More current members needs to attend the PE Ceremony to send a message to new P.E.'s that this is a valuable/important society event. Then, follow-up by issuing an invitation to join MSPE.

- Follow Western Chapter's practice of rewarding new EI's that pass the fundamentals exam with a certificate of achievement.

- Current members need to be more outgoing in promoting MSPE to non-member engineers working in their

office and inviting them to become members. Likewise, supervisors need to be more active in advocating MSPE membership to their subordinates.

- Become more involved in the Order of the Engineer on college campuses, which will introduce the student to MSPE and the distinction of being a PE.

Membership Retention Tips

Workshop participants were asked to give their opinion of "What is the key" to retaining current members. The responses included:

- Possibly set up automatic renewals for those paying by credit card to make retention easier or other alternatives like monthly billing.

- Make personal contact with each delinquent member. Start retention efforts when 2nd notices are mailed. Spread the burden of "delinquent" phone calls so lots of chapter members are calling – this way a friend might be calling a delinquent member to find out why haven't renewed.

- Ask each member before they become delinquent, "Is there anything else that MSPE could do to make your membership more valuable?"

- Making sure chapters are active and hold programs that excite members is very important. Each chapter needs an

element of accomplishment.

- Repeat MSPE's mission "often" especially at the chapter level. Members must live the mission; not just talk about it.

- Getting members involved immediately is very important – doesn't have to be long term assignment, but a simple, one-time task. Then, show appreciation for member involvement.



Britt Smith, P.E. (standing), Chair of the Membership Task Force and MSPE's Treasurer, facilitates a discussion on member recruitment and retention by asking workshop attendees questions about their personal MSPE



Bill Anthony, P.E., Western Chapter (far right) makes a suggestion while (left to right) Tony Gott, P.E. of Ozark Chapter, Marc Eshelman, P.E. of St. Louis Chapter and Chris Layton, P.E. of Southeast Chapter listen intently.

2008 President's Workshop Attendance List

The following list of members attended the 2008 Presidents Workshop held on August 22, 2008 at the MSPE Office in Jefferson City, Mo.

Bill Anthony, P.E.

Western Chapter Secretary & MSPE PEC Chair

John Balling, P.E.

Western Chapter President

Neil Brady, P.E.

Ozark Chapter Treasurer

Ashley Coffman, P.E.

Jefferson City Chapter President

Marc Eshelman, P.E.

St. Louis Chapter President

Tony Gott, P.E.

Ozark Chapter President-Elect & MSPE PEI Chair

David Howe, P.E.

Western Chapter MSPE PEPP Secretary

Shannon Howe, P.E.

Central Chapter President

Cliff Jarvis, P.E.

Jefferson City Chapter MSPE PEPP Chair

Ross Kasmann, E.I.

Central Chapter Secretary/Treasurer & MSPE Executive Committee

Young Engineer Representative

Rick Kaufman, P.E.

Central Chapter Vice President

Chris Layton, P.E.

Southeast Chapter President

Sean Matlock, P.E.

Southwest Chapter President

Mike Meyers, P.E.

Western Chapter NSPE Board Of Directors' North

Central Region Representative

Charles Powell, P.E.

Ozark Chapter, MSPE President

Ashley Reinkemeyer, E.I.

Jefferson City Chapter Vice President

Kevin A. Rohner, P.E.

Western Chapter MSPE Executive Committee Board

of Director Representative

Ben Ross, P.E.

Central Chapter MSPE President-Elect

Britt Smith, P.E.

Jefferson City Chapter MSPE Treasurer

Jason Sommerer, P.E.

Jefferson City Chapter



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Fourteen newly registered professional engineers recited the Engineers Creed after receiving their certificates in a special presentation ceremony sponsored by the Missouri Society of Professional Engineers at the Capitol Rotunda.

New P.E.'s Awarded Certificates In Special Capitol Ceremony

Fourteen newly registered professional engineers received their Professional Engineering Certificates in a special ceremony hosted by MSPE in the State Capitol Rotunda on October 24, 2008.

Dr. Paul R. Munger, P.E., past chairman of the Missouri Board of Architects, Professional Engineer, Land Surveyors and Landscape Architects (MoAPELSLA) and professor emeritus from Missouri University of Science & Technology (formerly UMR), was the keynote speaker. Also addressing the new P.E.'s were MSPE President Charles Powell, P.E., and Judy Kempker, Executive Director of MoAPELSLA. W. Haskins Hobson, Jr., P.E., of MSPE's Jefferson City Chapter served

as Master of Ceremonies.

MSPE Director of Membership Marla Day coordinated the event. MSPE members volunteer participants were Christina Baker, P.E., David Bange, P.E., Chris Criswell, P.E., Art Rice, P.E., and Jason Sommerer, P.E., all of the Jefferson City Chapter, Shannon Howe, P.E., president of Central Chapter, and State Membership Chair Mike Pessina, P.E. and MSPE-PEI Chair Tony Gott, P.E., both of Ozark Chapter.

Newly registered P.E.'s (with MSPE members indicated in bold) that participated in the ceremony were:

Jeremiah Bridges, P.E.
Anthony Brown II, P.E.

Ashley R. Coffman, P.E.
Kevin Gerhardt, P.E.
Michael Grapperhaus, P.E.
Adam Houk, P.E.
Randy Mendenhall, P.E.
Carles Miller, P.E.
Timothy Nehrt, P.E.
Jonathan Nelson, P.E.
Aaron Obermiller, P.E.
Bryan Pekny, P.E.
Katherine Pickardt, P.E.
Randy Pogue, P.E.

Additional new P.E.'s (with MSPE members indicated in bold) invited to the ceremony included:

Melissa J. Aldridge, P.E.
Amanda B. Bagwell, P.E.
Bryson E. Baker, P.E.
Francis E. Bales, P.E.
Michael E. Blattner, P.E.
Jasen L. Brown, P.E.
Amanda R. Bush, P.E.
Gregory R. Chapman, P.E.
Robert A. Clark, P.E.
Eric D. Claussen, P.E.
Kevin N. Conway, P.E.
Timothy P. Dean, P.E.
Dustin J. Dorenkamp, P.E.
Beth N. Eckley, P.E.
Adam R. Forest, P.E.
Barbara G. Frost, P.E.
Kyle Garber, P.E.
Aaron J. Groff, P.E.
Derek Hancock, P.E.
Steven D. Hoernig, P.E.
John P. Huebbe, P.E.
Mark M. Huebbe, P.E.
Jesse J. Hutchison, P.E.
Jeffrey S. Jarrell, P.E.
Jason M. Jeffries, P.E.
Mark R. Jones, P.E.
Craig K. Kaibel, P.E.
Kyle J. Knudten, P.E.
Jesse M. Kocher, P.E.
Jeremy R. Krueger, P.E.
Michael L. Ledbetter, P.E.
Brandon B. Lewis, P.E.

Michael D. Lewis, P.E.
Roger G. Lile, P.E.
Rebecca B. Losli, P.E.
Ryan J. Lynch, P.E.
Benjamin N. Lynch, P.E.
Christopher J. Maniscalco, P.E.
Jason K. McCullough, P.E.
Todd S. Metzger, P.E.
Joseph J. Molinaro, P.E.
Emily Moore, P.E.
Shawn Muenks, P.E.
Donald C. Nowack Jr., P.E.
Kristopher R. Olson, P.E.
Bryan D. Osborn, P.E.
Jason C. Osiek, P.E.
Sarah E. Phillips-Morgan, P.E.
Kevin S. Pingel, P.E.
Nicolas A. Pino, P.E.
Joe B. Pollock, P.E.
Darin J. Pryor, P.E.
Shane M. Rader, P.E.
Jasyn Randazzo, P.E.
Andrew R. Richter, P.E.
Patrick D. Ridgley, P.E.
Dustin J. Robinson, P.E.
Jim E. Ross, P.E.
Timothy C. Sanders Sr., P.E.
Scott E. Schaefer, P.E.
Alison M. Schaefer, P.E.
Joel M. Schmidt, P.E.
James E. Shannon, P.E.
Paul R. Simon, P.E.
Timothy J. Southards, P.E.
Curtis J. Stundebek, P.E.
Pushpal Swarnkar, P.E.
Daniel S. Swidrak, P.E.
Bretney A. Taylor, P.E.
Dominic D. Thompson, P.E.
Nathan P. Tormala, P.E.
Benjamin B. Vacca, P.E.
Jialong Wang, P.E.
Daniel W. Wells, P.E.
Tara I. Wilkinson, P.E.
Kevin L. Williamson, P.E.
Philip R. Wilson, P.E.
Kristopher H. Wolfe, P.E.
Justin J. Wylam, P.E.



Jason Sommerer, P.E. of Jefferson City Chapter and MSPE Director of Membership Marla Day welcome newly registered Professional Engineers and their guests to the certificate ceremony in the Capitol Rotunda.

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Asphalt Conference December 9-10

Missouri S&T's (UMR) will host the 51st Asphalt Conference Tuesday and Wednesday, December 9-10, 2008 on campus.

For conference program information contact Dr. Dave Richardson, conference director, at dnr@mst.edu. For registration information contact Distance and Continuing Education at dce@mst.edu.

Presentations at the conference include: asphalt availability & pricing, the asphalt index, high RAP and high shingle mixes, warm mix, energy-saving ideas at the plant, MAPA update, rubberized asphalt, foamed asphalt, fractionated aggregate blending, paver compaction, mistakes to avoid and MoDOT specification and research update.



Larkin Group Inc. is pleased to announce the following additions to its engineering staff.

Julie A. Davis, E.I.T. Special Projects Engineer-in-Training

Julie Davis, E.I.T., joined Larkin Group Inc.'s special projects group, bringing with her over 10 years of experience in design engineering and site planning. Julie's previous work coordinating and managing multi-faceted projects made her a perfect match for Larkin. Julie holds a Bachelor of Science degree in Civil Engineering from the University of Kansas.

Larry D. Lowry, P.E. Special Projects Associate Engineer

Larry Lowry, P.E., is the newest member to join Larkin Group Inc.'s special projects group. Larry brings with him over 20 years of experience working on all phases of site design including plating, rezoning, preliminary and final development plans, construction drawings and specifications and construction management. Larry holds a Bachelor of Science in Mining Engineering from the University of Missouri, Rolla.

Mark A. Weckwerth, E.I.T. Wastewater Engineer-in-Training
Mark joined Larkin Group Inc.'s wastewater group in 2008, bringing with him nearly five years of civil engineering experience. In the past, Mark worked as a civil engineer on sanitary sewer system hydraulic modeling, and water and wastewater treatment plan design. Mark received a Bachelor of Science degree in Civil Engineering from Kansas State University.

Terrance M. Parsons, P.E. Special Projects Design Engineer

Terry joined Larkin Group Inc.'s special projects group in 2008. Terry brings with him 10 years of experience in civil and environmental design for municipal and private clients. Along with this, Terry also has extensive experience in Environmental planning and permitting projects. Terry has contributed in the development of land use master plans and community development guidelines concerning environmental, storm water and erosion control issues. Terry graduated from the University of Central Missouri with a Bachelor of Science in Graphic Arts Technology in 1985 and from the University of Missouri, Columbia, with a Bachelor of Science in Civil Engineering in 1997.

Larkin will be happy to assist you with any issues regarding engineering services needed in your community. For more information please visit our website at www.larkin-grp.com or call 816-361-0440.

United States Postal Service

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17. Signature and Title of Editor, Publisher, Business Manager, or Owner
 Cherie L. Bishop
 Date: September 16, 2008

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Life, Retired Member Criteria

Members desiring Life or Retired status should review the bylaws criteria printed below and respond accordingly by **Friday, January 9, 2009** so your name can be submitted to the Board of Directors at their Winter Meeting on Saturday, January 31, 2009.

LIFE MEMBERSHIP

The criteria for Life Membership (waiver of dues with the annual option of paying voluntary dues) is:

- Has held a valid license or certificate of registration as a professional engineer.
- Is sixty-five (65) or more years of age and has retired from full-time employment and/or the active practice of engineering.
- Has been a member of MSPE for at least 30 years and has paid dues continually each year.
- Application for life membership may be made only by personal written request to the Board of Directors in care of the state office.

RETIRED STATUS

Retired membership (half-dues) criteria includes the following:

- Has held a valid license or certificate of registration.
- Is sixty-five (65) or more years of age and has retired from full-time employment and/or the active practice of engineering.
- Has paid dues to MSPE continuously for at least five years.
- Application for retired status may be made only by personal written request to the Board of Directors in care of the state office.

In Memoriam

MSPE was notified of the passing of the following members:

James Jennings, P.E. of Kansas City, MO joined MSPE in the Western Chapter on December 1, 1954. He received life membership status in March 1979

Arthur Rhodes, P.E. of Jefferson City, MO joined MSPE's Jefferson City Chapter on September 1, 1957. The Board of Directors granted life membership on February 4, 1995.

MSPE Welcomes New Members

JEFFERSON CITY CHAPTER

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Gredell Engineering Resources, Inc.
1505 East High Street
Jefferson City, MO 65101
Katharine Jantz, P.E.
Mo. Dept. of Natural Resources
1659 East Elm Street
Jefferson City, MO 65101

OZARK CHAPTER

Randall K. Brown, P.E.
RE/MAX Commercial
3745 – A Fremont Avenue
Springfield, MO 65804
Douglas Carroll, P.E.
Missouri S & T
226 Kemper Hall
901 S. National
Springfield, MO 65897
Jon Dollard
Aquaterra Environmental Solutions,
Inc.
1031 E. Battlefield, Ste. 115B
Springfield, MO 65807
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City Utilities of Springfield
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Krista Schurtz, P.E.
City Utilities of Springfield
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Springfield, MO 65801
Andrew Snider, P.E.
ESC, Inc.
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Springfield, MO 65803
Stephen Squibb, P.E.
City Utilities of Springfield
301 E. Central
Springfield, MO 65802
Kevin Williamson, P.E.
City Utilities of Springfield
1321 W. Calhoun
Springfield, MO 65802

ROLLA

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Rolla, MO 65401
Sarah Simon, E.I.
Allgeier, Martin & Associates, Inc.
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Rolla, MO 65401
JoAnne Steineman, P.E.
Missouri S & T
901 Facilities Avenue
Rolla, MO 65409

ST. LOUIS

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Laclede Gas Company
6400 Graham Road
St. Louis, MO 63134

Lincoln Duncan, E.I.

BHMG Engineers
630 Jeffco Blvd.
Arnold, MO 63010
Darnette Graves, E.I.
The Boeing Company
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Hazelwood, MO 63166
John Hock, P.E.
EDSI

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Chesterfield, MO 63017

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St. Louis, MO 63103

John C. McDonald, P.E.

City of St. Louis
1200 Market St.
St. Louis, MO 63103

G. Scott Nall, P.E.

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Maryland Heights, MO 63043-3706

Joe B. Pollock, P.E.

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Timothy Quinn, E.I.

Burns & McDonnell
425 South Woods Mill Rd., Ste. 300
Chesterfield, MO 63017

Cherie Summa, P.E.

Fred Weber, Inc.
2320 Creve Coeur Mill Rd.
Maryland Heights, MO 63043

Erin Wohlrab, P.E.

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