

TENN ASCE

MARCH 2008

TN NEEDS A FEW GOOD (ASCE) FELLOWS

-- Tom Lawrence, PE

You've been a member of ASCE for over ten years and you may be wondering what's next? The answer is progressing to the level of an ASCE Fellow. ASCE Fellows occupy the Society's second-highest membership grade, exceeded only by Honorary Members. There is no direct admission to the grade of Fellow. Fellow status must be attained by professional accomplishments via application and election by the Membership Application Review Committee (MARC). It is a prestigious honor held by fewer than 6% of ASCE members.

Fellows are practitioners, educators, mentors, and most of all leaders. They have distinguished careers that have contributed significantly to the Civil Engineering profession. The accomplishments of Fellows have left their marks on their communities, society, and future engineering professionals. The Tennessee Section of ASCE wants to ensure that all qualified members apply for this honor.

Fellow Grade Criteria

1. Must advance from grade of Member.
2. Must be a licensed Professional Engineer or Professional Land Surveyor in the United States or in the country in which the Member resides (if such licensure is available).
3. Must provide three (3) references from Society members (at least two (2) references must be from Society Fellows; the third reference may be from a Society Member or Fellow).
4. Must be nominated by an Organizational Entity of the Society (this includes Section or Branch Presidents, Board of Direction members, Institute Board of Governors members, and Chairs of Standing Board Committees).
5. Must have had responsible charge for not less than ten years, in the grade of Member, of important work in engineering or surveying and be qualified to direct, conceive, plan, or design engineering works OR have had responsible charge for not less than ten years, in the grade of Member, of important industrial, business, construction, educational, editorial, research, or engineering society activity, requiring the knowledge and background gained from engineering training and experience.

If this sounds like an honor for you or someone you know, we would like to hear from you. Contact your local ASCE Branch or contact Section Membership Chair Tom Lawrence at 901-237-4819 or by e-mail at bus@thecave.com. We can help you get your application moving and identifying ASCE fellows that you know for your references.

TO UPDATE YOUR MAILING ADDRESS FOR THIS NEWSLETTER
AND TO UPDATE YOUR PROFILE WITH ASCE, VISIT:

WWW.ASCE.ORG/MYPROFILE

PRESIDENT'S COMMENTS

-- Brian Johnson, PE

With this being the first newsletter of year, I thought I would take this opportunity to briefly introduce myself. I moved to Bristol, TN approximately five years ago with my wife, Mary, who is a Bristol native. We have four wonderful children, Maggie, 7, Tyler, 6, Grace, 4, and Molly, 1. Originally from Louisville, KY, I received my BSCE from the University of Kentucky. I am currently the regional office manager of Qk4's Johnson City office.

I hope that during my term as the Section President, I get the opportunity to learn as much as possible about civil engineering in the state of Tennessee. I look forward to hopefully visiting and learning more about our Branches, their members, and their regions of Tennessee. If you have any concerns, comments, or suggestions about how the Section can better serve its members, please don't hesitate to contact me.

I consider it a great honor and look forward to serving my fellow ASCE members in the State of Tennessee during the upcoming year.

REGION 4 UPDATE

-- Sandra Knight, PE

The slate of nominated Governors for 2008-2011 was accepted by the Governors and the Assembly. These will appear on the National ballot.

Tom Mlot for VA
Sandra Knight for TN
David Peterson for NC

Terrell Award Competition Committee -- Ted Niemann, Chairman

Submittals for the Terrell Award were due by December 31, 2007. This paper can also be submitted for the MEAD Competition. Matthew Swenty presented

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Please direct questions to Brian Johnson, 423.232.1520(p), 423-232-1552 (f) or bjohnson@qk4.com. To contact Johnson by mail, 300 East Main Street, Suite 302H, Johnson City, TN 37601

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Shane Pike, President

Charles Witcher, Vice President

James McGirl, Secretary

Ignatius Fomunung, Treasurer

Holston Branch

Will Witcher, President

Brian Johnson, Past President

Knoxville Branch

Mary Hensley, President

Josh Corum, Vice President

Michael Hogan, Secretary-Treasurer

Nashville Branch

Jon Perry, President

Corey Knight, Vice President

Brian Reynolds, President Elect

George Welch, Secretary-Treasurer

West Tennessee Branch

Tommy Dunlap, President

John Modzelewski, Vice President

Jonnye McElyea, Secretary

Roger Meier, Treasurer

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Chattanooga Branch

SHANE PIKE, PRESIDENT

The Chattanooga Branch has a lunch meeting on the third Tuesday of each month. The location for the monthly meeting is the Tallan Cellar located in the Tallan Building on MLK in downtown Chattanooga. Each month a technical presentation of interest is made by an invited speaker. Attendance at the Branch meetings is usually around thirty people. That number includes University of Tennessee at Chattanooga ASCE student chapter members. Student members are encouraged to attend the meetings and enjoy lunch at the expense of the Branch.

The guest speaker in October was Jeff Breedlove with Aquaterra Engineering who gave a presentation entitled "Meth Labs: Your Friendly Neighborhood Hazardous Waste Facility." Mr. Breedlove began by briefly describing the problem of methamphetamine labs in the region. He also discussed some of the key issues affecting public health, safety, and the environment, and the action the State of Tennessee is taking to solve this problem. Tennessee is one of the leading states in the country as far as regulations and guidance for meth lab remediation and testing. Mr. Breedlove also described the standard methods for remediating a meth lab, and concluded the presentation by talking about common problems encountered in the process.

Each year the members and their respective companies take part in Toys-For-Tots prior to Christmas. This year six companies and the University of Tennessee at Chattanooga participated. All together, the Chattanooga Branch was able to collect 10 boxes of toys.

The guest speakers in November were Ed Wasserman and Wayne Seger with TDOT. Mr. Wasserman is Director of the Structures Division and Mr. Seger is Manager of Bridge Inspection and Repair. They discussed TDOT's bridge inspection program. There are 19,519 bridges on public roads in the state of Tennessee. These bridges fall into two categories for the purpose of distributing state and federal funds. On-system bridges are those maintained, owned and operated by the state. They are found on the Interstate System, the National Highway System and the State Route System and include 8,114

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Holston Branch

WILL WITCHER, PRESIDENT

Our October 2007 meeting was cancelled due to a last-minute speaker cancellation.

The November 2007 meeting was held in Johnson City. Jeff Horton with the Tennessee Department of Environment and Conservation made a presentation on storm water and environmental permitting. Mr. Horton presented an overview of the permitting process for Construction Storm Water permits and reviewed common problems with permit applications from an engineering standpoint. Additionally, he provided tips for both engineers and contractors that will reduce the permitting process timeframe and provide the best possible construction practices for erosion and sediment control. Mr. Horton has recently assumed the role of manager of the Division of Water Pollution Control in the TDEC Johnson City Field Office. He was previously a plan reviewer in the WPC office.

The Holston Branch participated again in the East Tennessee Engineering Associations Council (ETEAC) Scholarship program. In addition to contributing to the Scholarship, Branch President Will Witcher will serve on the Scholarship Committee and Past President Brian Johnson will serve on the Fundraising Committee. The ETEAC is comprised of officers of various professional engineering societies in the Tri-Cities area. Every February, the ETEAC awards scholarships to high school seniors in the northeast Tennessee/southwest Virginia region who plan to pursue a B.S. degree in an engineering discipline. The Branch will also participate as a sponsor in the annual Egg Drop Competition held in Kingsport in February. Local high school students apply their knowledge of math and physics by designing and building egg drop devices and participating in a regional competition.

The Holston Branch holds its monthly luncheons on the last Thursday of every month, except the summer months and December. The Branch serves the Tri-cities area and rotates its meeting locations among Bristol, Kingsport, and Johnson City. If you would like additional information about our Branch or upcoming meetings please contact Will Witcher (wwitcher@t-l.com). Additional information along with our monthly newsletters are also available at our website www.asce-holston.org.

AROUND THE STATE

Knoxville Branch

MARY HENSLEY, PRESIDENT

The Knoxville Branch and the University of Tennessee ASCE student chapter had a social gathering on November 1, 2007 at the Old College Inn on campus. This informal meeting allowed the student chapter members and the Knoxville Branch members to interact in a non-professional setting.

The Branch conducted a joint meeting with the American Society of Engineering Management (ASEM) on November 13, 2007, at Rothchild's Conference Center in Knoxville. The speaker was Lew Felton, RADM, USN (ret). Mr. Felton is the Vice President of the Safety & Quality Engineering sector specializing in advising managers of companies performing nuclear work in the United States and in foreign countries. He is a former Senior Executive for a U.S. Department of Energy (DOE) contractor, and retired U.S. Navy Rear Admiral with substantial leadership, operational, and technical experience at DOE nuclear facilities, nuclear utilities, and Navy nuclear shipyards. Mr. Felton spoke on quality oversight/issues that he addressed as Chief Engineer in the Navy.

The Branch and the UT ASCE student chapter had another social gathering on November 29, 2007 at the Old College Inn on campus. This informal meeting also had a good turnout.

The Branch conducted a meeting on December 11, 2007, at the Oak Ridge Civic Center. There were two speakers this month. Randy Atkins with East Tennessee Public Television provided a brief presentation on "Design Squad". The Knoxville Branch of ASCE is a proud sponsor of this program on PBS. Jeffrey W. Munsey, PG with Tennessee Valley Authority River Operations/Dam Safety discussed earthquake hazards in the Tennessee Valley. Mr. Munsey has over 20 years of experience in engineering seismology and geophysics. He has developed seismic design requirements for nuclear plants, dams and other electric generating facilities.

The Branch of ASCE conducted a meeting on January 8, 2008. The topic was KUB's PACE 10 Program presented by Wayne Loveday. Mr. Loveday is Vice President of KUB.

Nashville Branch

JON PERRY, PRESIDENT

Many Branch members attended the October Section Meeting in Smyrna. Several Branch members gave presentations or were recognized as award recipients and new officers were sworn in. There was no regular luncheon in October, but the Board did meet to pass the budget. We pledged \$2500.00 from this budget to retire the debt of the TN Engineering Center and for creation of a fund for future exhibits at the Adventure Science Center and challenged fellow founding societies to do the same. Our annual scholarship fishing tournament was also held in October and was successful in raising about \$800.00.

Our November meeting was a special evening event hosted by the Vanderbilt Student Chapter at the TEC. We were hopeful that this event would have better representation from all Student Chapters than the traditional trip to TTU. The Branch reimbursed TN Tech Student Chapter members for travel to this event and our three Student Chapters were all represented. The VU students presented a summary of their numerous 2007 activities and Deputy Commissioner Paul Sloan of the Tennessee Department of Environment and Conservation spoke about the engineer's roll in minimizing stress on our environment and resources. The Branch and Section presented TSU, TTU, and VU Student Chapters with annual support money. The Board did not meet in November due to the Thanksgiving holiday.

To close out 2007, the Board met on December 5 at Cracker Barrel. There was no membership meeting in December.

Knoxville Branch -- Continued

The Branch is looking forward to participating in the 57th Annual National Engineers Week. The Branch was a sponsor at the East Tennessee All Engineers Week Banquet on Tuesday, February 19, 2008. The special guest speaker was Coach Bruce Pearl. Coach Pearl is the head basketball coach at UT, where he has been since 2005. Other engineering organizations participating include TSITE, IEEE, ASME, ASHRAE, AICHE, AFE, IIE, ASQ, SWE and ANE.

West Tennessee Branch

G. THOMAS DUNLAP, PRESIDENT

The West Tennessee Branch held its monthly Board meeting October 12 without quorum and monthly Branch luncheon October 18 at Christian Brothers University with around 40 attendees to hear Alan Sparkman of TN Concrete Association speak on "Troubleshooting Common Concrete Problems."

The Branch held its monthly Board meeting November 14 with quorum present, and monthly Branch luncheon November 16 at University of Memphis with around 15 attendees to participate in ASCE Webinar "Keys for Effectively Working with the Press."

The Branch held its monthly Board meeting December 14 with quorum present but no monthly Branch luncheon scheduled due to holiday conflicts.

Branch By-Laws were recently revised/ updated with review and edit by National, Branch member approval, and submission to Section.

Branch Members manned an ASCE information booth at the University of Memphis on December 14 as part of Engineers-Day for middle and high school students.

Younger Member Group is very active with regular meetings, generally after-hour get-togethers. They participated in a Canstruction event in Memphis – nine schools participated and several corporate sponsors committed, with canned foods going to a local food bank.

Drew Cohn, past-president and Branch New Member Outreach visited UT Martin Student Chapter December 6 for education on practicing engineers and importance of ASCE.

Three Student Chapters in local Branch: CBU, U of Mem and UT Martin completed the quarter with good participation and are beginning to formulate plans for next year's Deep South competition.

The Scholarship Committee is beginning to think about next year's golf tournament planning and is revising the scholarship award

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his paper on *"Is it ethical for an engineer to participate in a project they consider to be poor public policy/not in the public's best interest?"*

Assembly Operations Manual – Dave Garber, Chairman

Procedures Manual for Assembly of Delegates Committee:

Tom Mlot - Virginia	Ken Fricke – Tennessee
Ted Niemann - Kentucky	John Bridwell - Kentucky
RD Odell – North Carolina	Dave Garber – Chair

A draft Operations Manual was passed out for comment and discussion. Easier contacts and information for delegates, governors and committee members are needed. All Section Presidents should send updated information to the Region secretary. It was requested that a spreadsheet of all current and ex-officio members will be added to website and e-room.

History & Heritage

Wade Faires of South Carolina is working on gathering historical information for District 6 to compile with District 9. Andrew Pinkley is also keeping an active log of the Region 4 meetings. Wade requested information from past meetings, officers, attendees, pictures or any information related to the District. A History page will be added to the website. The Committee includes: Don Rissmeyer – Virginia; Joe Moore – North Carolina; and Luis Arduz – Kentucky .

Strategic Implementation Committee

Ted Kniazewycz looked at local programs, either ongoing or new, that would support the issues identified in the ASCE National Strategic Plan. Would there be any conflicts with current activities? How do the National goals relate at the local levels? Ted discussed the National Professional Strategic Issues as they were prioritized. The major effort should come from the National level. This ends the Committee's charge.

Stephen Yager from National ASCE offered more information on this topic and gave a presentation on Saturday during the Leadership Conference. They are depending on members at the local level to provide ideas to National. The Key Contact program is also a part of the strategic issue. We will ask Brain Palash to attend the Fall meeting to provide training and information on producing Report Cards for the states.

A State Report Card Committee was appointed with a representative from each Section to put together the requirements and cost. They will coordinate with National for resources for infrastructure report card in each state. The Committee will then put an application together in March to acquire funding.

Ted Kniazewycz – Chair	Ken Fricke - TN	Tom Fitzgerald - VA
Ted Niemann – KY	Theresa Harrison – IN	Matt Silveston – SC
Ron Geiger - NC	(Vacant at this Time)- WV	

District Director's Report – Michael Wenning

Region Director's Report – Bob Smith

In the previous meeting, the National Board discussed spending up to \$2.75 million on the ASCE web design. They propose to become a search engine to the engineering community like the Google search engine is to the web. The new design would provide more linking, organized filing and archive material. ASCE publications would become web-base.

ASCE has 161 Policy Statements that cover topics that can be discussed with legislatures. PS 488 – Greenhouse Gases are causing global warming and we should take a stand against this. This Policy Statement received an affirmative vote at the last National Board meeting but may be rescinded in the future.

Question was asked - "Does ASCE need to adopt policies not related to Civil Engineering?" Answer: ASCE needs to concentrate on Civil Engineering issues. Policies are in the agenda for proposed adoption during the Board meetings. The Governors should pass this information to the Sections and Branches prior to the voting meeting. Every Policy Statement has to be reviewed by the Board every three years. They

can be changed or deleted by a vote of the Board. It would be nice to have area on the new website to post policies and allow members to blog (discuss).

Presidential Endorsements

Region 8 – Blaine Leonard – Utah
Region 9 – Mario Baretta – California

Review the resumes in e-room and then discuss and vote on the endorsement at the Region 4 Governors conference on April 11-12, 2008 in Charleston, SC. Send any comments you have about the candidates to your Governor before this time so they can be conveyed before the vote.

The next Leadership Conference will be held in Cherry Hill, NJ on February 6-7, 2009.

The 2008 National Annual Conference will be held on November 6-8, 2008 in Pittsburgh, PA and will include the Council of Presidents.

Garland Rose has been assigned to an ASCE Task Force that is charged with determining the role of the Governors. The Task Force will be looking at their responsibilities, requirements, setup, time involved, personal cost, etc.

There was much discussion of what was expected, required, wanted, communication chains, increase enthusiasm, programs, orientation, etc. Let Garland know if you have any ideas or opinions. Email Garland at GPRose@bwsc.net.

Governors should be participating in officer inductions and branch and section meetings.

Sandra Knight, PE - TN Governor
Ted Kniazewycz, PE - Governor-at-Large

It was decided to move the Winter meeting to Spring of 2009 and then begin a spring-fall schedule and to have Assembly of Delegates meeting in conjunction with a Section Annual meeting and rotating to a different Section each year.

Sept 08 in Nashville – Ted Kniazewycz and Sandra Knight

March 09 in Indiana – With Section Annual Meeting – Theresa Harrison

MARCH 2008

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REGION 4 CONTINUED

Sept 09 in Richmond – With Section Annual Meeting – Don Rissmeyer

After much discussion it was decided to change to a fall and spring meeting schedule. The next meeting is planned for Nashville on September 11 – 12, 2008.

TRANSPORTATION REPORT

-- Joe Deering, PE, RLS, CPESC

Larry Ridlen resigned his chair in 2007. Jerry Hatcher and Joe Deering will be co-chairing this committee. Since this is their first year at chairing this committee, they will be recruiting volunteers from around the state. If you have any interest in joining this committee, please contact Joe Deering at joe.deering@neel-schaffer.com or Jerry Hatcher at Jerry.Hatcher@state.tn.us.

If the Branches need assistance in finding transportation related speakers, please contact Jerry or Joe. Program areas that we will be investigating include environmental, construction, safety, design (road and structures), planning, new technologies/products and consultant projects.

West TN Branch -- Continued

program to give a single \$3,000.00/year scholarship to one deserving ASCE Student Chapter member from one of the three schools each year rather than a \$1,000.00 scholarship per school for one student at each school.

The Geotechnical Group for the Branch has had some trouble getting off the ground, but has finally made arrangements to have a day-long continuing education seminar in April 2008 related to pile driving analyzer (PDA) testing.

Chattanooga Branch -- Continued

bridges. There are 11,405 off-system bridges on roads owned, maintained and operated by local governments. TDOT currently employs 17 bridge inspection teams across the state. Bridges are inspected on a two year cycle. Annually, approximately \$6.5 million is dedicated to TDOT's Bridge Inspection Program.

MARK YOUR CALENDARS NOW!

This year's Tennessee Section Annual Conference is scheduled for **Friday October 3rd, 2008** at the Smyrna Town Centre. This is a great opportunity to earn inexpensive PDHs and to network with other members of your profession.

If you are interested in presenting during any of the sessions at the next annual meeting, please contact the appropriate chair (see page 2 for contact information).

WITH THANKS

The Tennessee Section offers special thanks to David Moss, PE with Barge Waggoner Sumner & Cannon, Inc. for his service to the Section as President for 2006-2007.

We would also like to thank him for his past years of service as Vice-President and President-Elect and for the leadership that he will continue to provide as Past-President.