



American Society of Civil Engineers
North Carolina Section

Northern Branch News



The News

June 2008

Volume XI, Number 10

Meeting Info

Program: Winston-Salem
Ball Stadium Project

Speaker:

Kellway Howard, PE

UPCOMING (see also pg 6)

July: No meeting

*August: Douglas Jeremiah, PE,
Conner, Gwenn & Schenk topic
TBD.*

Presidents Message

Officer elections were held at the May meeting and I am pleased to say that I will be serving as the Northern Branch president for my 3rd consecutive term. I look forward to this year and hope that we can bring you some great meeting topics and increase participation in branch activities. Brian Kane, E.I., with S&ME in Greensboro, was elected to be the Northern Branch Vice President. He has been active with the board for the past couple of months and seems to be really excited to help out the branch. He has some great ideas to bring to the branch. Shannon Austin, with Stantec in Winston-Salem, has been gracious enough to help us out as interim secretary/treasurer for the past couple of months. She was elected to be this year's secretary/treasurer. She has been doing an outstanding job at this position and her organizational skills are really helping the branch out. Congratulations Brian and Shannon!

As new officers, we have goals for the year which include having one social activity for the branch, one meeting outside of lunch and participate in one volunteer activity. In addition, we also would like to find a new meeting place for our lunch meetings in Kernersville. We are working on ideas for each of these goals but would like your input as well. Please contact an officer if you have an idea for an activity or meeting.

The June meeting will be held at Fire Mountain Buffet in Kernersville. Kelway Howard, PE with Stimmel Associates, PA in Winston-Salem will be presenting some technical information of the design of the new baseball stadium that is under construction in downtown Winston-Salem. This should be a great meeting and we look forward to seeing each of you at this meeting! Thank you!

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May Meeting Summary

The May meeting was held at Fire Mountain Buffet in Kernersville, NC on May 21. At the beginning of the meeting officer elections were held. The 2008-2009 ASCE Northern Branch Officers are:

- President -Jessica Montgomery, PE with Stimmel Associates, PA
- Vice President-Brian Kane, EI with S&ME, Inc.
- Secretary/Treasurer-Shannon Austin with Stantec

Dr. Mannur Sundaresan, an Associate Professor and Graduate Coordinator with North Carolina A&T University in Greensboro presented on the topic of Structural Health Monitoring – Safe Performance of Structures in Infrastructural Fields. This was a very in- depth, technical presentation. Dr. Sundaresan brought several devices to show us how the monitors are attached to the specimens. The attendance at this meeting was sixteen and 1 PDH was awarded.

Auditing (Sec'y/Treas)

Chair: Shannon Austin
Phone: 336/499-3866
Balance in our checking account
= \$3,007.90 (5/31/2008)

WEDNESDAY Lunch Meeting, JUNE 18, 2008

North Carolina A&T College of Engineering

Civil and Environmental Engineering Dept. (336) 334-7737
 Faculty Student Advisor: Not determined as of June 4, 2008
2007-2008 ASCE STUDENT CHAPTER OFFICERS

Benjamin Moore, President

Ashanti Hepburn, Vice President

Michael Atkinson, Secretary

Taccara Williams, Treasurer

Sean Allen, Ass't Treasurer

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The Chapter's Web page is www.angelfire.com/nc2/asce

2007-2008 Officers

Jessica Montgomery, PE

President
 Stimmel & Associates PA,
 Winston-Salem, NC
 336-723-1067 x 140
 336-345-1732 (m)
 Fax 336-723-1069

Brian Kane, EI, Interim Vice President

3718 Old Battleground Road
 Greensboro, NC 27410
 Ph 336-553-1235
 Fax 336 288-8980
 bkane@smeinc.com
 336 908-4643 (m)

Shannon Austin

Interim Treasurer/Secretary
 Stantec Consulting
 Ph 336-499-3866 (direct)
 Fax 336-759-7500
 shannon.austin@stantec.com

Stephen W. Lacz, P.E.

Branch Representative
 Trigon | Kleinfelder, Inc.
 313 Gallimore Dairy Road,
 Greensboro, NC 27409
 Ph (336) 668-0093
 Fax (336) 668-3868
 email: slacz@kleinfelder.com.

Betty Farr, MSCE, PE Newsletter Editor,

Northern Branch Newsletter Editor
 Jewell Engineering Consultants, PC,
 Kernersville, NC
 336/996-9974, ext 3
 336/972-9921 (m)
 Fax 996-9976
 Work: bfarr@jewellengr.com



Julie A. Branch
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MATT MOLER, PE
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ASCE NORTHERN BRANCH GOALS FOR 2008-2009

The Board of the Northern Branch of the ASCE NC Section has established the following goals for the 2008-2009 year:

1. Raise money for Northern Branch Scholarships.
2. Hold one social activity outside of regular monthly meetings during the year.
3. Offer a minimum of 8 PDHs during the year.
4. Establish an E-week contact and participate in school outreach.
5. Promote and perform at least one service project.
6. Assist with Section SPAG (State Public Affairs Grant) activities.
7. Send one delegate to Region 4 meetings.
8. Interact with local political entities and media.
9. Establish a media representative to promote ASCE issues.

We invite our members to volunteer to assist with any of the Branch goals as noted above. Participation will be enjoyable, productive and beneficial for all!



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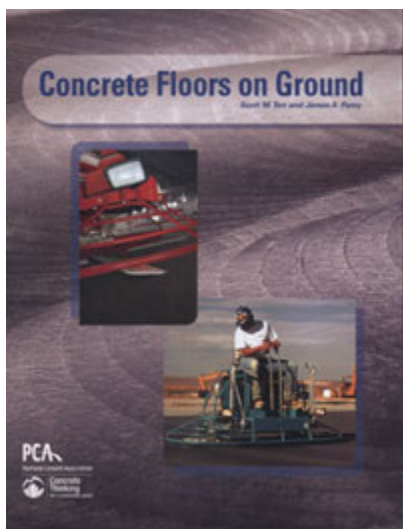
Upcoming Program Announcements:

Troubleshooting Concrete Floors on Ground

June 10, 2008 Charlotte, N.C.

Get In on the Ground Floor

Attend this New One-Day Program



Introducing a program which goes into depth exploring the 2008 fourth edition of PCA's *Concrete Floors on Ground* by Scott M. Tarr, and James A. Farny. This program will cover the design, construction, and repair of concrete floors on ground for residential, light industrial, commercial, warehouse, and heavy industrial buildings. The emphasis will be on attaining the best possible balance among service requirements, costs, and maintenance. Participants will each be given a copy of PCA's *Concrete Floors on Ground* along with additional course notes.

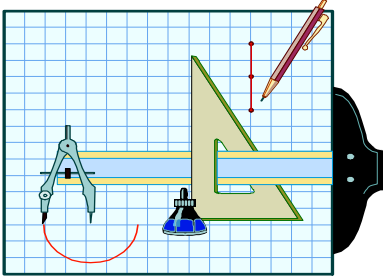
What We Will Cover

- and Subbases
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- Concrete for Floors
- Thickness Design
- Reinforcement, and Crack Control
- Tolerances
- and Finishes

- Subgrade
- Moisture
- Quality
- Floor
- Joints,
- Flooring
- Toppings
- Surface

Problems, Maintenance, and Repair **Cost** Only \$295 (\$245 for members) **Course Location** Carolinas Ready Mixed Concrete Association 1805 J. N. Pease Place Charlotte, N.C. 28262 **Jason D. Wimberly, EI, MCE** Director of Education and Marketing Carolinas Ready Mixed Concrete Association Phone: 704-717-9199

More events listed on next page...



Engineering Positions

Three positions available are full time Federal Civil Service positions with all federal benefits including: competitive salaries, flexible work schedules, 13-26 days of paid annual leave, 10 paid holidays annually, 13 days of sick/family leave annually, federal health & life insurance programs, retirement benefits, flexible health spending accounts, paid overtime and comp time, continuing education and professional development. Additional benefits information is available at: <http://www.usajobs.opm.gov/El61.asp>.

Available Positions and Discipline Requirements are:

Civil Engineers (EIT/PE): Design positions for site development, utilities, roads and parking, airfields, storm water management and other environmental remediation, contingency operations, and policy/criteria development. Experience with Autodesk Civil 3D design products is highly desired. To arrange an interview or discuss further please contact Robert Warren at (757) 445-6655; e-mail robert.l.warren1@navy.mil

Structural Engineers (EIT/PE): Design positions for the design of conventional buildings (quarters, administration, training), waterfront facilities (piers, wharves, bulkheads), airfield facilities (hangars, control towers), housing, communications towers, bridges, and other facilities. Experience in design, analysis, and Autodesk CADD products are highly desired. To arrange an interview or discuss further please contact Anthony Farmer at (757) 445-5999; e-mail anthony.farmer@navy.mil

Cost Engineers/Technicians: Positions for Civil, Structural, Architectural, Mechanical, or Electrical trades relating to buildings, site work, waterfront, airfield facilities, and other specialized DoD facilities. Applicants need not possess experience in all trades. Experience in budget cost estimates, cost estimating criteria, and development and maintenance of historical cost databases is highly desirable. Parametric and detailed estimating using PACES and SUCCESS is also desirable but not required. To arrange an interview or discuss further please contact Ellsworth Spicher at (757) 322-4322; e-mail ellsworth.spicher@navy.mil

Upcoming events this year. Please mark you calender!

- June 18, 2008,** Winston-Salem Ball Stadium Project update, Kernersville, NC (ASCE Northern Branch meeting)
- August 20, 2008,** Civil Engineering liens & Contracts, Conner-Gwynn-Schenck, Kernersville, NC (ASCE Northern Branch meeting), Tentative
- September 11-12th,** Annual Conference, Marriott Executive Park, Charlotte, NC
- September 17, 2008,** Denise Poulos from ECS: Wetland Topics

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Member ASCE, NSPE, AISC

**Northern Branch
ASCE MEETING
In
Kernersville**

DATE: Wednesday, June 18, 2008

**TIME: 12:00 PM – 1:00 PM Lunch Meeting
(Plan to arrive between 11:30 and 11:45am to register)
Do not pay upfront-please find the meeting room and pay ASCE only.**

**LOCATION: Fire Mountain Buffet
1180 S. Main Street
Kernersville, NC**

PROGRAM: Winston-Salem Stadium Project

The Winston Salem Ballpark from a Civil Engineer's Perspective-This presentation will give an overview of the site, utility and stormwater design for the new Winston Salem Ballpark. Come see how the design team planned a 5,500 seat stadium and 6-story office building on 9.5 acres of land.


SPEAKER:

Kelway Howard, P.E. is a Project Manager/Engineer with Stimmel Associates P.A. a Land Planning, Civil Engineering and Landscape Architect firm located in Winston Salem, N.C. He is working on his 11th year with Stimmel Associates and has a total of 15 years of experience. Kelway's experience includes Commercial, Industrial, Residential and Institutional projects. He is married with one child and lives in Greensboro, NC.

<u>COST:</u>	Members	\$15
	Guests	\$20
	Students	\$5

DIRECTIONS:

From Greensboro: Take the I-40-BR exit- EXIT 206- toward US-421 N / KERNERSVILLE / WINSTON-SALEM DOWNTOWN. Merge onto I-40 BR W / US-421 N. Take the S MAIN ST exit- EXIT 14.
Turn LEFT onto S MAIN ST / NC-150. Continue to follow S MAIN ST. End at **1180 S Main St**, Kernersville, NC 27284-7480.



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