

January 2013

## Upcoming ACEC/NC Events & Activities

**Economic Development Breakfast: The RTP Master Plan**  
February 5, 2013  
Research Triangle Foundation  
RTP, NC

**Environmental Education & Networking Event**  
February 12, 2013  
McKimmon Center  
Raleigh, NC

**Economic Development Luncheon**  
April 3, 2013  
Cardinal Club  
Raleigh, NC

...for more details visit the  
**ACEC/NC website!**

## 2012-2013 ACEC/NC Board of Directors

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## NC Steel Bridge Forum



On Thursday, January 24th, ACEC/NC Members and NCDOT employees packed into the NC Rural Center for a sold-out Steel Bridge Forum sponsored by The National Steel Bridge Alliance.

This day-long workshop featured topics on *Bolted Splice Design*, *Girder Design*, *Design Tools for Short Span Steel Bridges*, and *Advanced Engineering and Fabrication Process*. We also had a session on *Design Build Form: a Steel Fabricator's Perspective*, with guest speakers Adam DeMargel and Dan Murphy from Stupp Bridge Company. We took a *Virtual Shop Tour of a Modern Steel Bridge Fabrication Shop* with John O'Quinn of Hirschfeld Industries and wrapped up the day with a session led by ACEC/NC member Domenic Coletti with HDR Engineering, Inc., where he helped us take a closer look at the National Cooperative Highway Research Program's Report 725: *Guidelines for Analytical Methods and Construction Engineering of Curved and Skewed Steel Girder Bridges*.

This was a full day of education for our attendees, and we thank all of our nine expert speakers for taking time out of their busy schedules to help make this event a success.

The Bridge Subcommittee is a branch of ACEC/NC's Transportation Committee. The Subcommittee has Lunch and Learn Workshops planned for February 20th and April 3rd at the NC Rural Center. To join the mailing list and stay on top of all of the events this Subcommittee has planned, contact Erika Post to be added to the Transportation Committee list. Or contact the Bridge Subcommittee Leader, Joe Kelvington with Stantec or Transportation Committee Chair, Steve Scott with SEPI Engineering, for more information on how you can get involved.



## ACEC/NC Crosses the Finish Line and Achieves 2012 ACEC/PAC Goal!



As you know, each year ACEC/NC is charged by ACEC, our national office in Washington, DC, to solicit contributions from individuals within our membership for our national political action committee, ACEC/PAC. These funds are used to support pro-engineering Members of the United States House of Representatives and the United States Senate or candidates who are running for Congress and are believed to be supportive of the issues critical to the business of engineering in our country.

Our state's goal this year – \$26,309 – was no small amount of money, and we hadn't been successful in achieving our goal for several years. However, we set out determined to make our goal knowing it would be no easy task.

After a whirlwind four-month campaign, and a successful Holiday Reception and Auction in early December, we found ourselves just short of achieving the goal. With the Leadership committed to success, the PAC Committee made one last-ditch effort over the Holidays and first week of January to get North Carolina over the top. Due to your willingness to respond to our call for help and dig deeply into your pockets, WE DID IT!!! We met our goal!

ACEC/North Carolina members successfully contributed their fair share to allow ACEC/National to continue to wield their influence on Capitol Hill – influence that successfully repealed the 3% withholding mandate on all public contracts, that successfully amended the transportation reauthorization bill to include language to encourage private consultant utilization, and that continues to work tirelessly for a reliable funding mechanism for water and

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## Positions Available

For more information on these job postings and how to apply, please refer to the jobs board on the ACEC/NC website at [www.acecnc.org/jobs.aspx](http://www.acecnc.org/jobs.aspx).

Hatch Mott MacDonald is looking to hire a **Senior Structural Engineer (Bridges)** for their office in Fuquay-Varina.

Highfill Infrastructure Engineering, PC is seeking to fill a position in their Cary office for a **Water and Wastewater Project Engineer/Engineering Intern**.

KCI Associates of North Carolina would like to hire a **Hydraulic Engineer** to be assigned in their Raleigh, Charlotte or Rock Hill, SC office.

Mulkey Engineers & Consultants is seeking to hire a **Water Resources Project Engineer** in their Cary office.

Parsons Brinckerhoff is looking for a **Water Resources Engineer** for their office in Raleigh.

SEPI Engineering & Construction is hiring a **Transportation Director** for their office in Raleigh.

URS Corporation is seeking to fill a position in their Morrisville office for a **Hydraulic Engineer**.

Wetherill Engineering, Inc. is seeking to hire **Roadway/Hydraulic Engineers** for their Raleigh, NC office.

To have your company's open positions included in the next NC Report, email [info@acecnc.org](mailto:info@acecnc.org)

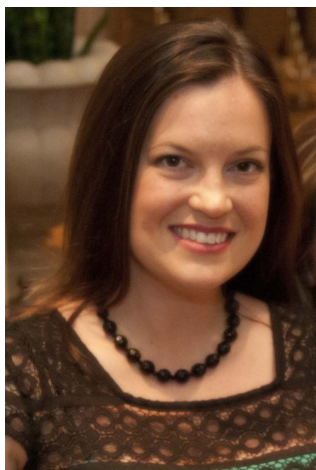
wastewater projects throughout the U.S.!

The work in Washington remains and ACEC/National and North Carolina will continue to defend the rights of the private consulting engineering community with diligence and determination. Our PAC campaign for 2013 will commence soon, but for now let us enjoy our success in meeting the 2012 goal!

Thank you again for your generous contribution, and please accept our sincere congratulations for your part in this outstanding accomplishment!

Randy Neuhaus  
President

James Smith  
Vice President and PAC Champion



## Good Luck, Tia!

It is with heavy hearts that we must report that our wonderful Tia Jones is no longer with ACEC/NC. As you know, Tia became a new mommy this past Summer and decided that two full-time jobs were one too many! We, of course, hated to see her go but understand and support her new venture fully!

Tia has worked for ACEC/NC as our Events Coordinator and Membership Liaison for five years. This was a bittersweet decision for her as she has so enjoyed being a part of this organization and serving the ACEC/NC members.

We are thankful for all the years of hard work and dedication Tia has shown to our organization and wish she and her family good luck in all their future endeavors.

## Committee Spotlight: Economic Development The RTP Master Plan Breakfast

The Economic Development Committee would like to invite you to join us for a time to network over coffee and danish followed by a keynote address from **Bob Geolas, President and CEO of the Research Triangle Foundation of North Carolina**. Mr. Geolas will be presenting The RTP Master Plan, including exciting information about how the Foundation plans to implement their goals, development objectives and planning principles to position the park and region for future prosperity. Areas of discussion will include access and transportation, landscape and natural systems, utility and infrastructure and general implementation and phasing considerations.



February 5, 2013 at the RTP Foundation Building from 7:30 am-9:30 am  
**REGISTER TODAY!**

To find out more about the RTP Master Plan [CLICK HERE](#)

## Member Firms in the News

### CATLIN Engineers and Scientists

**Rick Catlin**, President of **CATLIN Engineers and Scientists**, has been elected to the NC House of Representatives (District 20). The session starts on January 30th and he will be hard at work as one of six engineers elected to the NC House. Rick was also elected as the House Republican Caucus freshman leader by his peers. Rick has been appointed to the following committees: Appropriations, Appropriations Subcommittee on Natural and Economic Resources, Commerce and Job Development, Regulatory Reform, Environment (vice chairman), Public Utilities, and Transportation.

### Dewberry

**Dewberry** would like to welcome to their staff **Ryan Ames, PE**. Ryan is a Project Manager in our Raleigh office, who offers more than fifteen years of experience in water and wastewater engineering. He graduated from Juniata College with a B.S. degree in Chemistry and from Pennsylvania State University with a M.S. degree in Environmental Engineering. He is a Licensed Professional Engineer in NC and PA.

### ECS Carolinas, LLP

**ECS** would like to announce the recent promotion of **Stephen J. Gosselin, PE** to President of ECS Carolinas, LLP and ECS Central, PLLC. With Steve's promotion, **Derek L. Clyburn, PE** has been promoted to Senior Vice President for the Southern Region of ECS Carolinas, LLP. **Elizabeth M. Gano, CPSM** has been promoted to Regional Senior Marketing Director. Additionally, **Benjamin B. Temple, PE** has been promoted to Branch Manager of the ECS Greenville, SC office. **Mark White, PG** has recently been hired as the Environmental Services Manager for the Greenville, SC office. ECS would also like to congratulate **Elizabeth P. Ross** in the Charlotte, NC office on obtaining her Registered Environmental Manager (REM) certification.

### Martin/Alexiou/Bryson, PC

**Martin/Alexiou/Bryson (M/A/B)** is pleased to announce the hiring of **Prasanna Kusam, Ph.D., EI** as an Associate. Prasanna has one year of transportation planning and engineering experience in travel demand and land use modeling/forecasting, GIS, multimodal transportation, traffic impact studies, and traffic operational and safety analysis. He has excellent analytical and research skills to conduct spatial analysis, demand modeling, safety evaluations, data management, data collection, and statistical analysis.

M/A/B is pleased to announce the promotions of two employees: **Baohong Wan, Ph.D., PE** and **Tommy Pate, PE**. Baohong has been promoted to Senior Project Manager. He has been with M/A/B for more than seven years and is a member of M/A/B's Traffic Engineering group focusing on traffic analysis and operation projects. Tommy has been promoted to Senior Associate. He has been with M/A/B for seven years and provides traffic analysis services, and assists with roadway and signal design projects.

### McKim & Creed

**McKim & Creed, Inc.**, has purchased the assets of **United Engineering Group, Inc. (UEG)**. UEG provides mechanical, electrical, plumbing and fire protection design services for the energy, healthcare, higher education, state government, industrial and transportation markets. The company is a leader in the design of solar photovoltaic systems and containerized energy storage systems for solar and wind energy production, and recently won a People's Choice Award from the American Council of Engineering Companies for its work on a facility in South Carolina that simulates hurricanes to test housing structures. The 40-person UEG was established in 1949, and has offices in Raleigh, Charlotte and Asheville, North Carolina. The acquisition of UEG expands McKim & Creed's engineering capabilities and services, and strengthens the company's experience and expertise in the energy, healthcare and educational markets. "United Engineering Group has a long and distinguished history of outstanding engineering for hospitals, K-12 and higher education facilities, campus electrical distribution systems, central power plants, and other sophisticated mechanical, electrical, plumbing, and fire protection systems across the Southeast," said Michael W. Creed, Ph.D., PE, chairman and chief executive officer of McKim & Creed. "Combining our strengths with those of UEG enables us to increase the services we offer, and enhances our ability to develop sustainable, cost-effective electrical and energy solutions for our clients." UEG Chairman Roger Woods, PE, will oversee McKim & Creed's energy and electrical design services. "We are excited to join McKim & Creed. We believe our MEP services, as well as our electrical testing group, will complement the wide range of services already provided by McKim & Creed," said Woods.

### Ramey Kemp & Associates

**Ramey Kemp & Associates, Inc. (RKA)** is pleased to announce the hire of Thomas "**Andy**" **Archer, P.E.** as a Transportation Engineer. Much of his work will be primarily focused on traffic engineering, but will also include transportation design and roadway design. On the hiring of Andy, Montell Irvin, President/CEO of RKA, stated, "We are very excited to have Andy in our firm. He brings a skill set that complements our current services very well, but also allows for our continued expansion into traffic forecasting and modeling." Mr. Archer received a B.S. in Civil Engineering from North Carolina State University. He joins RKA from the North Carolina Department of Transportation and has over seven years of experience in the transportation engineering field. His responsibilities with the firm include various traffic engineering and design tasks in the areas of traffic forecasting, traffic impact studies, roadway design, and noise analysis. His addition to the RKA team is sure to help lead RKA to great success in the future.

### RK&K

**RK&K** is pleased to announce the return of Traffic Noise Expert **Joe Rauseo**. First employed by RK&K for eight years, Joe has re-joined RK&K in our Raleigh office after two and a half years as NCDOT's Senior Acoustic Engineer. While employed by NCDOT, Joe's PDEA managers gave him the (unofficial) 2012 "Teacher of the Year" award for his ability to educate consultants on the most technically accurate but efficient means to produce high-quality deliverables. He is responsible for all tasks associated with Traffic Noise Analyses and Design Noise Reports, and provides expert transportation noise services on a contract basis. With 16 years of experience, Joe is regarded as one of the best practitioners of environmental acoustic analysis and traffic noise abatement design in the country.

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### Schnabel Engineering, Inc.

**Schnabel Engineering, Inc.** (Schnabel), Glen Allen, Virginia, is pleased to announce the **opening of our Raleigh, North Carolina, office**. Schnabel's Raleigh office will focus its efforts on providing all of Schnabel's services, with local personnel having extensive geotechnical and environmental engineering experience. The office will be managed by **Mr. Nigel Miller, PE**, an Associate with the firm. Mr. Miller has more than 15 years of experience in transportation, energy, and infrastructure projects, including work for North Carolina Department of Transportation, Progress Energy, and major universities in the area. Mr. Miller has experience on highway bridges, roadway pavements, airport runways, retaining structures, high-rise buildings, earth dams, energy transmission lines and large-diameter pipelines. He has managed, reviewed, and performed design and construction phase engineering duties for projects with technical challenges such as soft soils, deep excavations, high seismic loads, landslides, dewatering, corrosion, and rock excavation.

### S&ME, Inc.

**Stephen J. Loskota, PE**, is the new Civil Engineering Department Manager for **S&ME's** Charlotte office. He joins Charlotte from the company's Columbus, Ohio office, where he managed the Civil (GeoDesign) Department for eleven years. Steve has worked for S&ME (formerly BBC&M) since 1986. According to Ron Rothfuss, Charlotte's Branch Manager, "We have been searching for just the right talent to continue the growth of Charlotte's Civil Engineering Department. Our strategic plan calls for an increased focus on this service line and we are excited that Steve has agreed to lead the department. Steve knows the company and our clients, so we will have a smooth transition."

### STV/Ralph Whitehead Associates

**STV/Ralph Whitehead Associates** is pleased to announce the following staff appointments: **Amos Liu** as Vice-President; **Dan Moses** as Senior Associate; **Scot Sibert, Eric Root, and Oriana Hernandez** as Associates.

### URS

**URS Corporation – North Carolina (URS)** is pleased to announce that **Andrew Bell** has become a Registered Professional Engineer in North Carolina, **Susan Westberry** has earned her AICP Certification, and **Morgan Barry** has become a licensed Professional Geologist (PG) in the State of North Carolina. Mr. Bell is a transportation engineer and noise analyst in the Environmental Planning Department of URS' Morrisville office. Ms. Westberry, LSSIT, PWS, CPESC is an Environmental Scientist for URS and is located in the Wilmington office. Ms. Barry is a Geologist for URS and is also located in the Wilmington office.

### WSP • SELLS

**WSP** is pleased to announce that **Ana Passman, PE** has joined our Water Resources team as a Senior Engineer in our Cary, NC office. She has more than 18 years of experience in roadway drainage and hydraulic modeling in projects ranging from bridge replacements to widening and new location improvements. Ana received her Bachelors of Science in Civil Engineering from The University of Kansas. She is a licensed Professional Engineer in North Carolina and also has NCDOT Level III Design of Erosion and Sediment Control Plans Certification. Prior to joining WSP, Ana worked at The Louis Berger Group, and Rummel, Klepper & Kahl.

### WK Dickson

**WK Dickson** wishes to recognize the firm's newest civil engineers. **Stewart Hill, PE, and Reid Huntley, PE** recently earned their professional engineering licenses from the State of North Carolina. Hill had been with WK Dickson for two years and is a project engineer in the Water & Wastewater Group. Huntley has been with the firm for nearly six years and is a project engineer with the Watershed Services Group.