

September 2012

Upcoming ACEC/NC Events & Activities

PLC Lunch w/ Richard Hudson
September 19, 2012
Byron's South End
Charlotte, NC

HR Forum Lunch w/ Attorney Phillip Strach
September 20, 2012
Various Locations

PR & Marketing Forum Meeting
September 26, 2012
Moffat & Nichol
Raleigh, NC

EEA Entries Due!!
October 5, 2012

ACEC National Fall Conference
October 14-17, 2012
The Boca Raton Resort
Boca Raton, FL

ACEC/NC/DOT Joint Transportation Conference
November 1, 2012
Jane S. McKimmon Center
Raleigh, NC

Engineering Excellence Awards Gala
November 15, 2012
Prestonwood Country Club
Cary, NC

For all upcoming events visit the ACEC/NC Web Events Calendar [HERE](#)

Summer Conference "Classic" Hit a Hole in One!

This year's ACEC/NC Summer Conference was held July 26th-29th at the Holiday Inn Resort in Wrightsville Beach, NC. The event was a smashing success with just over 100 attendees including our wonderful speakers. Members were able to take part in 8 educational sessions with topics from HR Challenges to Cloud Computing.

Special guest, John Formica, known as the "Ex-Disney Guy", lead a session on Customer Service and also gave a fun and inspiring keynote address at the Championship Dinner on Friday night. Also during the dinner, the 2012-2013 Board of Directors were inducted and we had the opportunity to graduate 8 new future leaders! Congratulations to those who completed the program with their last session lead by Dr. Dick Kracht earlier that day:



- Erik Freeburg, ECS Carolinas, LLP
- Brian Glidewell, S&ME, Inc.
- Jill Heimburg, AMEC Environment & Infrastructure, Inc.
- Christian Matthews, Stanford White, Inc.
- Jared Mechetti, Kleinfelder
- Jeremy Pruet, AMEC Environment & Infrastructure, Inc.
- Heath Wadsworth, Call Sign Engineers
- Christopher Werner, URS Corporation-North Carolina

The dinner was also a special time of recognition of those members who have stood out over the last year in their commitment and dedication to our organization. **Steve Browde**, with Lochner, was recognized as the **Outstanding Committee**

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Engineering Excellence Awards: Call for Entries!

The American Council of Engineering Companies of North Carolina (ACEC/NC) Engineering Excellence Awards (EEA) is an annual competition that honors and recognizes engineering and surveying firms for projects which demonstrate the highest degree of achievement, value and ingenuity.

Entries are to be judged (by an outside panel of judges) on the basis of overall engineering excellence in each of twelve practice areas, based only on the work performed by the entering firm and scored in accordance with set guidelines. Based on each project's overall score, projects can receive one of the following awards: Honors Award, Grand Award, or Grand Conceptor. Once the judging has been completed, entrants will be notified as to whether or not their project will be honored with an award, and the specific level of the award the project will receive will be announced until the ACEC/NC Engineering Excellence Awards Dinner on November 15, 2012!

DATES TO REMEMBER

ACEC/NC schedule for submittals are as follows:

Deadline for Entries	October 5, 2012
Judging	October 8 - 12, 2012
Awards Ceremony	November 15, 2012

ACEC/NC winners may also re-submit to ACEC National's EEA Competition.

ACEC National's schedule for submittals are as follows:

Deadline for Entries	January 11, 2013
Judging of Submittals	February 22 - 24, 2013
EEA Gala - Washington, DC	April 23, 2013

To submit an entry [CLICK HERE](#)

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.

A. Morton Thomas & Associates, Inc. is seeking a skilled professional **Senior Transportation Engineer** with the expertise to assume a key role at the firm's Raleigh, NC office

ATKINS Transportation Group North Carolina is currently seeking to find a **Senior Bridge Engineer** for their Raleigh office

Two positions are currently available in the Raleigh office of **Hipp Engineering & Consulting: Electrical Designer and an I&C Designer**

Triplett-King & Associates, Inc. currently has openings for three positions: **Bridge Hydraulics Engineer, DOT Certified Inspector, and Geotechnical Engineer**

SEPI Engineering & Construction, Inc. is seeking to hire a **Survey Department Manager** for their office in Raleigh

Stantec's Support Team is looking to hire an experienced **Marketing Coordinator** to join their Raleigh office staff

URS Corporation - North Carolina is seeking a qualified candidate for the position of **Bridge Inspection Team Leader** in their Morrisville office

WSP Sells has several open positions in their Southeast offices Transportation Department: **Water Resources Engineers, Structures Engineers, Structures Project Engineer, Roadway Designer/Engineer, Bridge Inspection Engineers**

To have your company's open positions included in the next NC Report, email info@acecnc.org

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Heath Wadsworth, Call Sign Engineers, shares a stand-out point he learned during his Future Leaders Training.



Former ACEC/NC President, Steve Thomas giving the President's Award to Perry Safran, Safran Law Offices.

& Forum Chair for his work with the Future Leaders Program. The **Golden Eagle Award** was given to **Fred Burchett**, with Kimley-Horn and the **Presidents Award** was given to **Perry Safran**, with Safran Law Offices.

The weekend gave way to some fun in the sun and many opportunities for networking at our Front Nine and Back Nine Receptions. A few members even took in some golf at Magnolia Greens in nearby Wilmington. The weather threatened to ruin the day with rain, but the showers cleared quickly giving way to a great afternoon to play!

On behalf of the ACEC/NC Staff, we thank all of the speakers and attendees for making this year's Summer Conference “Classic” a big hit!



Engineers Continue Climbing to Great Heights to Save Others

On the morning of September 2nd, 2011, four people representing the North Carolina engineering community stood breathless on the summit of Mt. Kilimanjaro. At nearly 20,000 feet above sea level, it is the highest point on the African continent, and one of the highest mountains on earth. With their final push after 4 straight days of climbing, they ascended the last 8 hours in the middle of the night, in sub-freezing temperatures, while battling the effects of acute altitude sickness. Their epic adventure came to be known as “Climb for Water.”

The Climb for Water initiative began in early 2011 as a grassroots effort to bring focus and attention to the water and sanitation crisis plaguing developing countries around the world. From its humble beginnings as just an idea conceived while planning a local camping trip, Climb for Water has gained a remarkable following and a firm grip on the engineering industry in not only North Carolina, but around the world as well.

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Because of the success of last year's Kilimanjaro climb, the team wanted to continue the effort and bring the climbing experience back to the U.S. so more people could participate. As a result, "Climb for Water 2012" was launched and a much larger group of climbers will head to 14,115 foot summit of Pikes Peak in Colorado September 12th.

"Our story from last year got around quickly and the response by other NC member firms was remarkable," says Kraig Kern, of WK Dickson and Climb for Water's founder. "People I didn't even know would call me and ask how they could become part of something like this. My response was simple...join the team and let's save lives together," Kern adds.

September's Pikes Peak climb became so popular that a waiting list had to be created. As of today, Climb for Water 2012 includes twenty-three climbers and a host of other logistical support. The climbing team is represented by many firms in the engineering industry such as: WK Dickson & Co., Inc.; McKim & Creed; LPA/Michael Baker; Withers & Ravenel; Belcan; Gannett Fleming; and other supporting companies. You can see the entire team on a website they created for the campaign at www.climbforwater.org.

Upon completion of their journey, 100% of the money raised will benefit "Water for People", a global organization that helps people in developing countries improve quality of life by supporting the development of locally sustainable drinking water resources, sanitation facilities, and hygiene education programs. Since 2011, the Climb for Water campaign has raised more than \$25,000 - enough to provide clean water and sanitation facilities to nearly 2,000 people in need.

"Until you see suffering first hand like we did during last year's climb, it's hard to describe the conditions some people face every day. In the U.S. we use more water to take a shower than an entire family in a developing country will use in a month just to drink and cook with" says Kern. "We're working hard to continue this momentum and hope that Climb for Water will be an annual event. So far the outpouring of support has been very inspirational."

The Climb for Water team indicated that they still have not reached their fundraising goal for 2012 and encourage other firms to join the impressive list of sponsors who are participating in the cause. More information and a link to their donation site can be found at www.climbforwater.org. The team will also post real-time photo and video updates while they are on the mountain through their Facebook page at www.facebook.com/climbforwater beginning on September 12.

-Kraig C. Kern, CPSM, is the Director of Marketing with WK Dickson & Co., Inc.



The Climb for Water team captured this photo in 2011 of the typical conditions in Moshi, Tanzania where women and children spend more than 3 hours per day just walking to find a water source. Their containers weigh more than 40 pounds when full and only meet their needs for a single day.

ACEC/PAC Get Involved!

On November 6th, Americans will go to the polls to elect new leaders for our nation. This may well be the most important election of your life. As a U.S. citizen, you may only be able to vote for one Congressman, two Senators, and the President and Vice President. But, as an engineer, you can directly affect hundreds of Congressional races around the country – if you support ACEC/PAC. The American Council of Engineers PAC is the only political organization in America that is run by engineers, exists for engineers, and helps elect pro-engineering candidates to Congress.

ACEC/PAC has impacted the future of our industry, your firm, and your family! If you're not aware of the repercussions of federal legislation on engineering firms, consider what ACEC has accomplished the past few years on behalf of the engineering community: 9% tax deduction for A/E firms, laws and regulatory initiatives to require FAR compliance by state DOTs, legislation to increase contracting out, removal of a mandatory 10% retainage on fixed price federal A/E contracts, exempting A/E services from federal rules mandating Project Labor Agreements on major federal construction projects, passage of new transportation, water, and aviation legislation, as well as repeal of an onerous 3% withholding mandate on all federal and state contracts. The accomplishments are numerous, but the battle rages on.

ACEC is proactively working on your behalf to: Secure passage of long-term transportation, water, infrastructure and aviation bills that significantly boost federal funding while expanding QBS; pass legislation to protect the ability of engineering firms to use cash accounting; defeat resurgent union efforts to curtail contracting out by federal & state agencies; protect firms from new mandates and higher costs resulting from the new health care law.

There is no better investment in your firm and the industry, and no better time than now. In August, ACEC/NC will kick-off its 2012 ACEC/PAC campaign. You can be involved by generously giving to the campaign, through a contribution to the ACEC/PAC or the purchase of a ticket in the National Fall Sweepstakes, with the winner getting a \$10,000 cash prize. There are many ways to become a part of the effort to elect pro-engineering and pro-business candidates to Congress, but no better way than joining with your colleagues in ACEC.

I encourage you to get involved, make a difference, and please join me in supporting ACEC/PAC today!

-Jim Smith, Taylor Wiseman & Taylor, is the ACE/PAC Champion and ACEC/NC Board Vice President



Welcome to Our New Members!

We would like to extend a warm welcome to the newest members of ACEC/NC:

- Harris Engineering
- JFD Performance Solutions (Affiliate/Supplier Member)
- Summit ECS, Inc.

...and being reinstated:

- The John R. McAdams Company, Inc.

Welcome back!



**...and welcome the newest ACEC/NC staff member
Grayson Brooks Nusbaum
Born July 12, 2012
Congratulations, Tia!**

Member Firms in the News

Alpha & Omega Group, PC

Alpha & Omega Group continues to grow. First, **Keith Roberts, PE** and **Dexter Howell** merged with Alpha & Omega Group in the spring. Dexter joined the team as a Civil Engineering Technician who assists the team with site planning, parking lot design, residential roadway design, BMP, erosion control, and utility design. Keith joined the team as Civil Principal Engineer and is responsible for civil site development design. His twenty-three years of experience will help as he continues to manage environmental engineering, wastewater, and geotechnical projects.

In the summer, joining as Engineering Interns, were **Heather Swanson, EI**, and **Brandon Mosiman, EI**. Both Heather and Brandon are graduates of North Carolina State University and are responsible for assisting Alpha & Omega Group in structural analysis as well as assist with structural inspections.

Dewberry

Daniel Koenigshofer, PE, MSPH, HFDP, vice president for healthcare in **Dewberry's** Chapel Hill office, has been recognized as a senior member of the American Society of Hospital Engineers (ASHE). The award is based on presentations, publications, and active membership in ASHE. Koenigshofer was honored during the opening session of the ASHE Annual Conference in San Antonio, Texas, on July 16, 2012. He will also be making a presentation to the North Carolina chapter of ASHE in August 2012 entitled "Daily Applications of Psychrometrics in Hospital Operations." Koenigshofer has more than 30 years of engineering and project management experience specializing in master planning, troubleshooting, and solving problems in healthcare facilities. He has taught classes and made presentations at dozens of hospital engineering meetings throughout the world. Koenigshofer holds a bachelor's degree in physics from the University of California, Davis, and a master's degree in public health from the University of North Carolina at Chapel Hill.

ECS Carolinas, LLP

ECS is pleased to welcome **Alisha Cuddy** as a Soils Laboratory Technician, **Chuck Frederick** as a Field Technician, and **Norma Salter** as a Project Manager to the ECS Raleigh team! We would also like to welcome **Alyssa Reynolds** as an Administrative Assistant for ECS Winterville, **Vaughn Soltau** as a Field Technician in the ECS Winterville office, **Ashley Standfield** as an Administrative Assistant for ECS Charlotte, and **Bill Sinclair** as a Business Development Manager in the ECS Greensboro office. Our congratulations go out to **Craig Midgett** and **Chad Dameron** in the ECS Charlotte office on obtaining their International Code Council (ICC) Soils Certification, as well as **Chiraag Patel** on obtaining his American Concrete Institute (ACI) Level I Certification. We would especially like to congratulate **Coby Sherill** in the ECS Charlotte office on obtaining both the ICC Soils Certification and the ACI Level I Certification. Additionally, we would like to announce that **Lee J. McGuinness, PE** has recently been promoted to Principal in the ECS Charlotte office.

Martin/Alexiou/Bryson, P.C.

Martin/Alexiou/Bryson, P.C. is pleased to announce the hiring of **Jeremy McCartha, PE** and **Brian Pease, EI**. Jeremy is a roadway and hydraulic design engineer with over 8 years experience in roadway and infrastructure design and multi-family site development. He holds dual B.S. degrees in Civil Engineering and Geology from Auburn University, as well as a M.S. in Geology. He is a Professional Engineer in North Carolina and Texas. Brian is a roadway designer with over 13 years of experience in roadway design working on NCDOT and municipal projects.

Ramey Kemp & Associates, Inc.

Ramey Kemp & Associates, Inc. (RKA) is celebrating its 20th Anniversary of providing a wide range of transportation engineering services to major commercial, institutional, and governmental clients throughout the Southeastern United States. Incorporated April 1, 1992 in Raleigh, NC, RKA has enjoyed steady growth over the last 20 years. RKA's corporate office is in Raleigh and has regional offices in Charlotte and Winston-Salem, NC as well as in Richmond, VA. The entire RKA staff and their families were able to celebrate this significant milestone by attending a company retreat, held at the Shell Island Resort in Wrightsville Beach, NC. During this special occasion Montell Irvin, P.E., PTOE, President/CEO presented Ramey F. Kemp, P.E., PTOE, Principal and Founder of RKA with a celebratory gift of a scholarship in his honor. Through the North Carolina State Engineering Foundation, The Ramey Kemp Graduate Award in Transportation Scholarship was set up for a graduate student pursuing a career in Transportation Engineering. The tremendous contributions from all of the RKA employees has provided RKA the opportunity to be a successful company for the past 20 years and for many years to come!

RKA is pleased to announce the promotion of **Stephen C. Greene, P.E.** to the position of Vice President and **Rynal G. Stephenson, P.E.** to the position of Regional Manager of the RKA's Raleigh office.

RKA would like to congratulate **Joshua T. Reinke, P.E.** on obtaining his Professional Engineer (P.E.) license. As an engineer in the traffic division, Josh has a B.S. in Civil Engineering from Valparaiso University and has been employed by RKA since 2011. He has 9 years of experience in the fields of traffic engineering, data collection, and traffic safety. His responsibilities include preparation of traffic impact studies, signal warrant studies, parking studies, traffic stimulations, and corridor studies. Congratulations Josh!

S&ME, Inc.

S&ME is pleased to announce that **Shannon Sweitzer, PE**, has joined our firm as Director of Transportation. Mr. Sweitzer will position S&ME as a provider of transportation design and construction services focused on major transportation construction projects yet remaining active within the local markets. With his extensive background in major transportation construction projects, Mr. Sweitzer will work internally to consolidate S&ME's extensive engineering capabilities and technical services to posture S&ME as a key player in design-build and public private partnership projects. Mr. Sweitzer spent his 20-year career with the North Carolina Department of Transportation. During the past five years, Mr. Sweitzer was Director of Construction for North Carolina Turnpike Authority where he was

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instrumental in the advancement of the Turnpike Authority and development of over \$3 Billion in major projects, including the Triangle Expressway, Monroe Bypass, Garden Parkway and Mid-Currituck Bridge. He played a key role in the planning, design, construction and administration of the Triangle Expressway project, North Carolina's first modern toll facility, which is to date the largest construction project in state history. Throughout his career Mr. Sweitzer has advanced the engineering profession through his work with the Federal Highway Administration (FHWA), Transportation Research Board (TRB) and National Cooperative Highway Research Program (NCHRP) on materials, construction practices, and large-scale project management. A licensed professional engineer in North Carolina since 1996, Mr. Sweitzer is a graduate of North Carolina State University with a Bachelor of Science degree in civil engineering.

Schnabel Engineering, Inc.

Schnabel Engineering, Inc. (Schnabel), Glen Allen, Virginia, is pleased to announce that its “Innovative Dredged Material Reuse” project was selected to receive the **American Road & Transportation Builders Associations’ inaugural TransOvation Award**. This award honors innovative transportation infrastructure-related products, services, technologies or technique introduced over the last five years that can be documented to provide a high return on investment. Schnabel recently completed its innovative dredge material reuse project for the Maryland Port Administration (MPA), under its new “Innovative Reuse of Dredged Material” program. Schnabel’s study developed a breakthrough technology for reuse of dredged material (DM) taken from Baltimore Harbor shipping lanes. Using DM taken from the Cox Creek Confined Disposal Facility, Schnabel demonstrated that blending Cox Creek DM and steel slag fines (SSF), another waste material, provides immobilization of the metal contaminants and improves the materials strength and workability so it can be used as earthfill. This study represents a major breakthrough technology in the beneficial reuse of DM which should have far reaching and desirable consequences for port and harbor planning, design, construction and dredging activities.

SEPI Engineering & Construction, Inc.

SEPI Engineering & Construction, Inc. (SEPI) is pleased to announce the recent additions of Barry Moose, PE; Sean Clark, PWS; Chris Baker; and Chase Cullipher, PE. **Barry Moose, PE, Operations and Maintenance Director**, will expand SEPI’s construction engineering and maintenance operations in North Carolina as well as throughout the Southeast. Mr. Moose received his bachelor’s degree in civil engineering and his master’s degree in business administration from the University of North Carolina at Charlotte, and participated in the Transportation Leadership Program at NC State University’s Institute for Transportation Research and Education (ITRE). Prior to joining SEPI, Mr. Moose has over 28 years’ experience in transportation, and spent two decades in various engineering positions with the North Carolina Department of Transportation, most recently as the Highway Division 10 Division Engineer. During his 28 years in the engineering industry, Mr. Moose has been honored with the Outstanding Achievement in HOV Project Management Award from the Transportation Research Board, and the American Association of State Highway and Transportation Officials (AASHTO) 25-Year Meritorious Service Award. **Sean Clark, PWS**, will serve as the **Environmental Division Manager** for SEPI’s Raleigh office. In his position, Clark will manage division staff and projects, as well as market environmental services to clients. Clark received his bachelor’s degree in natural resources ecosystem assessment with minors in forest management and environmental science from NC State University. Active in industry associations, Clark currently serves as the vice president of the North Carolina Association of Environmental Professionals (NCAEP) and is a member of the Society of Wetland Scientists (SWS) and the Society of Ecological Restoration (SER). His collaborative work on a bio-retention cell won the 2011 Sir Walter Raleigh Award from the City of Raleigh’s Appearance Commission. He is a registered professional wetland scientist. In his position as **Project Manager, Chris Baker** will use his more than 27 years of experience to serve as the roadway design lead for the Charlotte Area Transportation System (CATS) LYNX Blue Line Extension project, a 2.6-mile light rail service extension in the city that will offer an alternative to congestion on Interstate 85. Mr. Baker holds an Associate’s degree in architectural engineering technology. **Chase Cullipher, PE**, has six years of experience, as a **Project Engineer**. In his position, Cullipher will be responsible for providing engineering design and production support for roadway, storm water management, grading and drainage, erosion control and water and sanitary sewer utilities projects, as well as coordinating permitting associated with private sector residential, retail, commercial and industrial initiatives. He will also assist with work for clients in the municipal, state and federal sectors. Mr. Cullipher holds a bachelor’s degree in civil engineering and is a registered professional engineer.

Summit Design and Engineering Services

Salt Bodyne, **Summit Design and Engineering Services’** company band, will rock out in its second **Triangle Corporate Battle of the Bands** this fall. This evening of “powdered wigs and power chords” on September 22, 2012, begins at 7:30 p.m. on the American Tobacco Campus in Durham, N.C., and will benefit the KidZNotes classical education program. Salt Bodyne was conceived to compete in last year’s Battle and has performed at local venues since then, including The Depot at Hillsborough Station and Hillsborough’s Hog Day festival. A blend of engineers, surveyors, construction materials testing technicians and administrative personnel produces the rockabilly band’s southern sound. Summit’s CEO, Jim Parker, even plays lead guitar and vocals! From Neil Young tunes to The Rolling Stones, Salt Bodyne’s foot-tapping sets are full of energy and peppered with Haggard and Williams styles.

To view event poster **CLICK HERE**

STV/Ralph Whitehead Associates

STV/Ralph Whitehead Associates is pleased to announce the following personnel addition to their Charlotte office: **Scott Adams, AICP** - Transportation Planner.

Taylor, Wiseman & Taylor

Taylor, Wiseman, & Taylor announces several changes in the Cary, NC, Office. **Chad Howard, PLS** has been named Survey Group Manager, and **Richard Wiczorek, PLS** has been named Assistant Survey Group Manager. TWT provides survey, laser scanning, subsurface utility designating and engineering, and civil engineering services to public and private clients throughout the Carolinas and the Southeast.