

September 2010

Upcoming ACEC/NC Events & Activities

Breakfast with the Board & Open House

September 29, 2010
Breakfast: 7:30 - 9:30 a.m.
Open House: 3:00 - 6:00 p.m.
ACEC/NC Office
Raleigh, NC

EPAC Luncheon

September 30, 2010
11:30 a.m.
Cardinal Club
Raleigh, NC

EEA Entry Deadline

October 1, 2010
5:00 p.m.
ACEC/NC office
Raleigh, NC

Transportation Conference

October 12, 2010
7:30 a.m. - 6:00 p.m.
Jane S. McKimmon Center
Raleigh, NC

Breakfast with the Board

October 13, 2010
7:30 - 9:30 a.m.
PBS&J office
Charlotte, NC

Engineering Excellence Awards

November 11, 2010
5:30 - 8:30 p.m.
Prestonwood Country Club
Cary, NC

...more details to come!

Positions Available

Join a dynamic team of professionals at **Martin/Alexiou/Bryson, PC (M/A/B)**, a specialist transportation planning/engineering firm located in Raleigh, North Carolina and the Washington DC area. Our firm is seeking a **multi-modal transportation planner** with extensive experience in transit planning and operations for our Raleigh office. Other areas that M/A/B specializes in include complete streets, bicycle and pedestrian plans, regional and city transportation planning, small area and corridor studies, travel demand forecasting, traffic simulation modeling and analysis, campus transportation planning, and GIS.

The successful candidate will lead and expand M/A/B's growing transit practice. Candidates should have greater than 10 years of experience in transit planning and operations. Desirable experience includes transit

Upcoming Events at the ACEC/NC Office

You're invited to the new ACEC/NC Office for one of our open house activities on Wednesday, September 29th...Remember to register ASAP!

We look forward to welcoming you to the new space during one - or both - of these events!

Breakfast with the Board 7:30-9:30a.m.

Don't miss this opportunity to help define the direction of your membership while visiting our new office space! You can register to order a light breakfast (\$7 per person includes an egg, bacon and cheese sandwich and fresh fruit) or even bring your own. Coffee provided for all. To register for the Breakfast with the Board, [CLICK HERE](#). Please register by close of business on Monday, September 27.

Reception 3:00-6:00p.m.

Stop by for a treat, a tour and a drink...with a twist! We want YOU to be in the limelight as we celebrate our new location. This event is complimentary but please R.S.V.P. to tjones@acecnc.org or by calling 919-781-7934.

ACEC/NC's new office is located downtown in the One Bank of America Plaza Building at 421 Fayetteville Street, Suite 1111, Raleigh, NC 27601. Parking is available in the deck at the Northeast corner of Cabarrus and Wilmington Streets.

EPAC Luncheon featuring: Tom Murry

September 30, 2010, 11:30 a.m.

Councilman Tom Murry, candidate for NC House District 41, is currently serving his second term on Morrisville's town council. Tom also represents Morrisville on the Triangle Council of Governments and he is a member of Morrisville's Community Emergency Response Team. As a pharmacist and attorney, he leads a national non-profit organization committed to patient safety. Tom is focusing on the following issues: Creating jobs and jump starting the economy; Controlling spending and balancing the budget; Improving NC Schools and empowering parents and leading with integrity through smaller, smarter Government. Join us as we meet and greet with Tom and listen to his viewpoints during lunch. Registration begins at 11:30 with lunch being served at 12:00 p.m.

The Cardinal Club is located at 150 Fayetteville Street on the 28th floor of the Wachovia Capitol Center in downtown Raleigh. Cancellations must be received by September 27th in order to receive a refund.

[CLICK HERE](#) to register for this event.

Follow an Extraordinary Journey to Help Save Lives



ABOVE: Kern & Whalen will be traveling to Tanzania in 2011 to climb Mount Kilimanjaro.

In the wake of recent global disasters such as the flooding in Pakistan, the earthquake in Haiti and even the catastrophic results of hurricane Katrina along the gulf coast, we are reminded that even the most basic human needs are often overlooked and taken for granted. Clean drinking water and sanitation facilities are becoming a global crisis and as engineers we have the knowledge, resources and responsibility to help.

Did you know that around the world, nearly 1 billion people do not have access to safe drinking water and 2.6 billion are without adequate sanitation facilities? Every day 6,000 people who share our planet die from water-related illnesses, and the vast majority are children.

Engineers in North Carolina are being challenged to make a difference. What started as two guys fulfilling a life-long dream to climb one of the tallest mountains on earth has evolved into their desire to use the experience to help save lives. ACEC/NC members Kraig Kern and Scott Whalen of WK Dickson & Co., Inc. have created the "Climb for Water" campaign on behalf of all engineers in North Carolina. The proceeds they collect will benefit Water for People, an organization that helps people in developing countries improve quality of life by supporting the development of locally sustainable drinking water resources and sanitation facilities.

In 2011 they will journey to Tanzania in eastern Africa to climb Mt. Kilimanjaro. Their goal is to raise \$1 for every foot in elevation they achieve as a climbing team. That means if they reach the summit the hope is to have gathered approximately \$20,000. Just the goal of the Climb for Water campaign alone will raise enough money to give 1,000 people clean drinking water for 20 years through the use of water filtration, well drilling and rain capture devices. The potential to save lives in the generations who follow is incalculable.

"This isn't a cause for just our firm. We are hop-

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development plans, community transportation plans, university transit planning and operations, long range transit plans, multi-modal transit center studies, transit-oriented development, travel demand management (TDM) techniques, and general multi-modal planning. The candidate must have excellent written and oral communication skills, and possess the skills and desire to maintain client relationships, market and build a practice.

Martin/Alexiou/Bryson is an equal opportunity employer. An excellent salary package will be offered to the right candidate. Employees receive full benefits including 401k, vacation, sick leave, health and life insurance. More information about our firm can be found at www.mabtrans.com.

Interested candidates should forward their resume to George Alexiou at georgealexiou@mabtrans.com.

Tower Engineering Professionals is seeking an entry level engineer who produces the products provided by our Structural Analysis process under the direction of more advanced and professionally licensed engineers.

Essential Job Functions:

- Perform structural analysis of communications towers and foundations and produce reports for review and approval by an experienced engineer.
- Perform engineering projects and studies.
- Review peer work product.
- Assist in the development of engineering processes and standards.
- Lead structural analysis workflow through triage analysis processes.
- Develop analysis assistance tools with MS Excel.
- Research documents to perform due diligence on tower acquisition projects.
- Work with area personnel to ensure database accuracy.
- Ensure CAD drawings are updated to include modifications to existing sites and new construction.
- Check engineering drawings for accuracy.

Education/Certifications:

- Bachelor's Degree in Civil Engineering, preferably specializing in structures

Experience/Minimum Requirements:

- Preferred to have passed the Engineering Intern examination by NCEES
- Related work is preferred

Other Skills/Abilities:

- Experienced with MS Excel
- Written and verbal communication skills required

Reports to: Structural Modifications Division Manager

For more information or to apply, email Eric Lambalzer at elambalzer@tepgroup.net

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ing that all engineering firms in North Carolina will step up and adopt this campaign," Kern stated. "Most of us have never really been thirsty. We've never had to leave our houses and walk 3 hours to fetch water. We simply turn on the tap, and water comes out...clean. Yet there are a billion people on the planet who don't have clean water...that's 1 out of every 7 people!"

Whalen agrees adding, "When we take a sip of our bottled water from the fridge after a workout and don't think twice about it, there are people out there who have to go to remote areas just to pull water from a tainted pond or stream. When we're in Africa we will see that at every turn and as a water resources engineer, I feel it is my duty to help change things. I'm challenging other firms to join us."

For more information on what you can do to help, how to become one of the climbers, or to simply follow the team's progress go to www.climbforwater.org. They have also started a Facebook page that provides real-time updates and information related to the journey. To find their facebook page, search "Climb for Water." They hope to have at least 1,000 Facebook fans and are asking member firms to spread the word.

ACEC/NC/DOT Joint Transportation Conference



Don't miss our biggest event of the year! Network with the leaders of the transportation industry while earning 6 PDH Credits in one day. Sessions include: "New Vehicles and Innovative Design", "Connections Across the State and Nation - Intermodal Perspectives", "3-D Modeling Construction, Design, and Collection", "Putting Sustainability Initiatives into Practice" as well as two general sessions featuring Secretary of Transportation, Gene Conti and Keynote Speaker, Amy Lynch. [CLICK HERE](#) for the full agenda and registration information.

Engineering Excellence Awards

Reminder! The deadline for all EEA entries is this Friday, October 1, 2010. Please also mark your calendars for the banquet, which will be held on Thursday, November 11, 2010 at Prestonwood Country Club. [CLICK HERE](#) for the call for entries.

Committee Happenings

Buildings & Infrastructure: The B&I committee met on September 21st and, compared to years past, had a very large turnout. They had good discussion on the future of the committee and how to move it and the ACEC brand forward in the vertical marketplace. They have agreed to form four sub-committees; Government, Healthcare, Private and Education which represent four distinct vertical markets. Each will be led by a chair and vice-chair. Additionally, they are continuing our meetings with SCO, AIA, PENC and AGC in an effort to assist in planning the upcoming SCO conference.

Economic Development: Join us for our next meeting on October 20th at 11:30a.m. in the ACEC/NC Office for a luncheon featuring Mr. Ken Atkins, Executive Director of Wake County Economic Development. Be on the lookout for the email notice with more details and registration information!

Federal: The Federal Committee is meeting (via teleconference) on Tuesday, September 28. This will be their first meeting and they plan to discuss their strategic focus for the coming year and discuss committee goals. Their next meeting will be on October 13 following the Breakfast with the Board meeting at the PBS&J office in Charlotte.

Human Resources: Their next meeting will be on September 29 from 10:00 a.m. - 3:00 p.m. at the Winston-Salem Stantec office. The Stantec office is located at 150 Oak Plaza Blvd., Ste. 200, Winston-Salem, NC, 27105. For a full agenda and registration information, [CLICK HERE](#).

PR/Marketing: Their next meeting will be October 20 at 2pm at the ACEC/NC office. Economic Development will be meeting downtown on the same day, so stay for both and enjoy a social afterwards!

The PR/Marketing Forum is discussing upcoming events, such as the EEA and LEO awards, as well as potential program topics for next year.

Transportation: The next Transportation Committee meeting will be Thursday, November 11, 2010 at 3 pm at Stantec's Raleigh office.

Member Firms in the News

Hipp Engineering & Consulting is actively recruiting **Project Managers and Project Engineers** (Process, I&C, Mechanical, Electrical) to fill contract assignments in the pharmaceutical, biotechnology, and food processing industries. Requirements: Bachelor's degree in engineering or related field; minimum of five years of experience in project engineering and/or project management; experience in pharma/bio, food processing or other FDA regulated industry. Please email resume in Word format to terry.prince@hipp-usa.com

Mulkey Engineers & Consultants is seeking an **Environmental Scientist** for the Environmental Services Group in our Raleigh, NC office. Job responsibilities include the following: providing assistance to project managers, engineers and scientists with environmental fieldwork, data interpretation, permitting and planning for the Environmental Services Group. Candidate must have a BS degree in environmental science, or similar field. GIS and/or CAD experience preferred. This is temporary, full-time position for a 3-6 month assignment. For more information about Mulkey Engineers & Consultants or to submit your resume please visit our website at www.mulkeyinc.com. EOE

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

ECS Carolinas, LLP

The Charlotte branch of ECS Carolinas, LLP is pleased to announce that they have **made the following additions** to the ECS team.

David Boger, P.E. has joined the ECS team as a Senior Engineer.

Josh Evans, Tim Fogleman, Justin Keith, John Metcalf, and Alex Mora have joined the ECS team as Field Technicians.

Chris Sutherland has joined the ECS team as an Environmental Scientist.

Alicja Sanders has joined the ECS team as an Administrative Assistant.

ECS Carolinas is also pleased to announce that **Shawn Sullivan, P.E.** has been **promoted to Manager of Geotechnical Services** for the Charlotte office.

Heath & Associates, Inc.

Heath and Associates, Inc. proudly announces its **50th year of service in the natural gas industry**. The engineering and management consulting firm opened for business sometime in 1960, but the exact date is unknown. Though many businesses struggle to stay solvent in today's economy, President Scott Heath says he is proud that the Shelby, N.C. firm will celebrate 50 years of business this year. Founder Charles Heath and his two sons, Brian and Scott, have contributed to the firm's rich history and its present success.

Heath and Associates will hold an open house at its offices on October 5, 2010 from 10 a.m. to 2 p.m. to celebrate its 50th Anniversary. All friends and clients are welcome.

Martin/Alexiou/Bryson, PC (M/A/B)

Roger Henderson, AICP, PE has joined **Martin/Alexiou/Bryson, P.C. (M/A/B)**, a Raleigh transportation planning and traffic engineering consulting firm. Roger brings more than 30 years of transportation planning and engineering experience to the firm, with an emphasis on "complete streets" planning and feasibility studies. He is an accomplished leader in forging multi-disciplined teams to enhance how transportation contributes to healthy, vibrant communities. He has extensive experience in citywide multi-modal transportation plans, bicycle and pedestrian planning, regional transportation studies, corridor studies, public involvement campaigns, and urban traffic engineering and street design concepts.

Schnabel Engineering, Inc.

Schnabel Engineering, Inc. (Schnabel), Glen Allen, Virginia, is pleased to announce the **promotion of Mr. Michael Roscoe, PG, LEED AP to Director of Business Development** for the firm. Mr. Roscoe, whom recently served as the Business Development Manager for Schnabel's West Chester, Pennsylvania, office and directed the firm's Ports, Harbors, and Waterways Initiative, brings more than 35 years of experience in the consulting industry. Prior to joining Schnabel, Mr. Roscoe held management positions at Foster Wheeler Environmental Corporation, Coastal Oil Corporation, and Exxon Resource Corporation.

Schnabel is also pleased to announce the **promotion of Mr. Michael Canino, PE to Principal of the firm**. Mr. Canino, who serves as the Branch Leader for Schnabel's West Chester, Pennsylvania, office and is on the firm's Board of Directors, brings nearly 20 years of experience in dam and geotechnical engineering to Schnabel.

Mr. Canino has served as the project manager or task leader for more than 100 geotechnical and dam engineering projects in 12 states, Puerto Rico, and Honduras. He has been involved in dam upgrade designs, inspections, and analyses for major water supply dams, including dams in Mobile and Birmingham, Alabama; Houston, Texas; Northeastern Pennsylvania; and New York City.

Mr. Canino received Bachelor of Science degrees in civil engineering and architectural engineering from Drexel University and his Master's Degree in civil (geotechnical) engineering from the New Jersey Institute of Technology. He is a registered Professional Engineer in Pennsylvania, New York, Alabama, and Delaware.

Schnabel, an employee-owned company, is an ENR Top 10 geotechnical engineering firm employing more than 320 in offices coast to coast. Schnabel, winner of both The Zweig Letter Hot Firm List 2009 and CE News Best Civil Engineering Firms to Work For 2009 awards, specializes in geotechnical engineering, geostructural design, dam engineering, tunnel and underground engineering, sustainable geotechnics and environmental services, geophysical and geoscience services, construction monitoring, and resident engineering services for both the public and private sectors. For more information visit us at schnabel-eng.com.

SEPI Engineering & Construction

Sepi Asefnia, president of SEPI Engineering & Construction (<http://www.sepiengineering.com>), a firm

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which provides civil engineering and planning services to private and public sector clients across the southeast, has announced the following **new hires**:

Lee Bakely has been named **senior project manager**. In this position, Mr. Bakely will be responsible for coordinating projects with clients, including state and local governments. He will also be responsible for producing quality design and construction drawings for various land development and engineering projects, leading design teams, training staff and permit acquisitions.

A native of North Carolina, Mr. Bakely has more than 14 years of experience in the civil engineering industry, specializing in land development. He received his bachelor's degree in environmental engineering from N.C. State University, and is an active member of the American Society of Civil Engineers (ASCE).

Craig Lynch, P.E. has been named **water resources project manager**. In this position, Lynch will be responsible for assisting in a variety of tasks including proposals, project management and water resources related engineering and design.

A native of Shrewsbury, Pa., Lynch has more than 16 years of experience in the environmental engineering and design industry. He earned his bachelor's degree in civil engineering from Virginia Tech and is an active member of the American Council of Engineering Companies of North Carolina (ACEC/NC) Environmental Committee. He is currently licensed as a professional engineer in seven states throughout the southeast.

Andy Kiley, PWS has been named **environmental project scientist**. In this position, Kiley's primary responsibility will be performing and managing wetland and stream monitoring and associated reporting. Other work will include designing wetland and stream restoration sites, wetland delineation, stream delineations as well as natural resources investigations and analysis of natural resource impacts for development projects. Kiley also has project experience in Geographic Information System (GIS) Modeling, Analysis and Presentation.

A native of Lawrenceville, Ga., Kiley has more than 12 years of experience in the water/environment management, GIS and engineering industry. He earned a bachelor's degree in biology from the University of Notre Dame, and is an active member of the Society of Wetland Scientists.

STV/Ralph Whitehead Associates

STV/Ralph Whitehead Associates is pleased to announce that **Bill Peterson** has **joined the firm's Charlotte, NC office as a Structural Designer**. A Forsyth Technical Community College graduate with an AAS degree in Architecture, Bill has 27 years of experience with emphasis on design and documentation for buildings and bridge structures.

STV/Ralph Whitehead Associates is a 180-person planning, engineering and construction management group, focusing on transportation projects (roadways, railways, bridges and transit) with ancillary services offered for stormwater management, environmental, traffic, geotechnical, utility and contractor clients. STV/Ralph Whitehead Associates has offices in

Charlotte, NC; Richmond, VA; Rock Hill, SC; Jacksonville, FL; Orlando, FL; Atlanta, GA; Charleston, SC; Bluefield, WV; Fairfax, VA; Kansas City, KS, and Dallas, TX. For more information, see the firm's website at www.stvinc.com

*To submit your company's news or positions available for inclusion in the next NC REPORT, please email your news items to Karen Lee at the ACEC/NC office by **CLICKING HERE**.*

Welcome to Our New Members

We would like to extend a warm welcome to the newest members of ACEC/NC: Genesis Engineering, Inc. of Matthews. We look forward to seeing you at our upcoming events!

We've Moved!

The ACEC/NC office has relocated! Please change our address in your files to:

ACEC/NC
One Bank of America Plaza
421 Fayetteville Street, Suite 1111
Raleigh, NC 27601

Our phone and fax numbers have stayed the same:

Phone: (919) 781-7934
Fax: (919) 781-7319