



President:
Mike Howell, PE

President Elect:
Amy Bird, EIT, LEED AP

Vice President:
Mark Yanik, EIT

Secretary/Treasurer:
Tony Gaynord, EIT

Past President:
Amanda Harmon, PE

Younger Member Chair:
Chris Miller, EIT

Education Outreach Chair:
(vacant)

Membership Chair:
(vacant)

Government Relations Chair:
Austin Clark, PE

Communications Chair:
Denise Nelson, PE, LEED AP

Richmond Branch - ASCE
<http://www.ascevirginia.org>

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THE RESULTS ARE IN... CONGRATULATIONS NEW OFFICERS!

Amy Bird, President Elect

Amy Bird is currently employed by Dewberry. Amy has been involved in ASCE for 6 years and has been active with the Richmond Branch for 3 years. Her experience within the Branch has included a term as Vice President, involvement with the Popsicle Bridge contest, and in planning Younger Member Group events.

Mark Yanik, Vice President

Mark Yanik is currently employed by Parsons Brinkerhoff as a bridge engineer. Mark has been involved in ASCE for 6 years and has been active with the Richmond Branch for 2 years. His experience within the Branch has included a term as the Educational Outreach Chair, which included planning the annual scholarship golf tournament, coordination with the UVA student chapter, and the Popsicle Bridge contest.

Returning Officers:

Mike Howell, President
Amanda Harmon, Past President
Tony Gaynord, Treasurer/Secretary



*2012 Officers
(from left to right):
Mike Howell (President),
Amy Bird (President Elect),
Mark Yanik (Vice President),
Tony Gaynord
(Treasurer/Secretary),
Amanda Harman (Past
President)*

*The First Task:**Appointing Committee
Chairs*

Chris Miller,
Younger Member
Committee Chair

Austin Clark,
Government Relations
Committee Chair

Denise Nelson,
Communications
Committee Chair

The following two positions are currently vacant (please contact the Branch President if you are interested in getting involved):

Education Committee Chair – Shall promote member involvement in the efforts of all branch outreach to both pre-college and college age students. Committee is charged with delegating the responsibilities of the scholarship selection committee, planning fundraising events to support the Branch outreach, and participating in Engineer's Week activities in the Richmond area.

Membership Committee Chair – Shall plan events to promote new membership and shall maintain existing membership by encouraging participation and interest in ASCE in the Richmond area.

*A Special **THANK YOU** to Our Departing Officers/Chairs*

Paul Hinson, Past President (2011) and President (2010)

Craig Ponte, Communications Committee Chair (2011)

ANOTHER CHANCE TO VOTE!**Vote now in ASCE's 2011 National Election**

It's not too late to vote for ASCE's leadership for the 2011-12 year. Cast your ballot for **national officers**, your **Region's governors and directors**, and if you're in **EWRI**, a **vice president**. **Constitutional amendments** are also on the ballot. Go to the 2011 Election page online to review the candidates and amendments, and find out if you're qualified to vote. If you are an ASCE member in good standing at the Associate grade or higher, and did not receive your voting credentials by e-mail, please contact ASCE Customer Service at 800-548-2723 to have them resent. All qualified members were sent a paper ballot; if you wish to vote by paper ballot and either didn't receive it or misplaced it, contact Customer Service to request a replacement.

PRESIDENT'S MESSAGE

When I moved to Richmond four years ago, one of the things I was looking forward to about starting my first "office" job was having the opportunity to get involved again with ASCE. I first joined the society in college as part of the student chapter but fell away after graduation due to my work schedule. Having been active on the board of the Richmond Branch since then, I realize how much I missed being part of the group and how grateful I am to have had the chance to be involved once again these past few years. I feel privileged to have been part of events which have given me the chance to meet so many of our members, and I am thankful to have had the opportunity to serve on the board with some great colleagues and friends. It is a true honor for me to be able to serve as the President of the branch for this upcoming year.



In the first act of the year, the newly elected board met last week for our annual Summer Planning Meeting. This is an opportunity for us to lay out our priorities and resources for the upcoming year. Our discussions ranged from how we can improve our existing events and services to brainstorming entirely new ideas that will appeal to a broader base of our membership. Most importantly, we reaffirmed our commitment to serving our members and to our role as the leader in promoting excellence in Civil Engineering here in the Richmond area. We realized also that our greatest achievement this year will not come from the success of any one event or through any one committee, but rather will come from knowing that our members have benefited because of their membership in the ASCE Richmond Branch.

Please let me extend the invitation to anyone who has ideas for how we can better serve our members, or who might be interested in becoming more involved in the board or a committee, to reach me at mhowell@brockenbrough.com or 804-592-3905. I would be happy to hear your feedback or talk with you more about opportunities to become more involved in ASCE.

I am looking forward to getting this year started and seeing you at our next event!

American Society of Civil Engineers Richmond Branch

Special Meeting Event

September 20, 2011

In remembrance of the 10th anniversary of the September 11, 2001

ASCE Richmond is proud to host

The Collapse of the WTC Buildings: Why and How They Failed

Therese McAllister, PhD PE

Research Structural Engineer for NIST and Co-Project leader

for the Structural Failure Analysis of the WTC

The collapse of New York City's World Trade Center structures following the terrorist attacks of Sept. 11, 2001 was the worst building disaster in recorded history. In response to the WTC tragedy, the National Institute of Standards and Technology conducted a building and fire safety investigation to study the factors contributing to the probable cause (or causes) of post-impact collapse of the WTC Towers (WTC 1 and 2) and WTC 7.

Highlights of the investigation into the probable cause of collapse for the WTC Towers will be presented, followed by a brief summary of the WTC 7 collapse sequence and recommendations for future practice, codes, and standards.

1.0 Hour PDH Available

Lunch Options: Portabella mushroom, lettuce and tomato sandwich - club sandwich - or chicken parmesan sandwich (all lunch options include side and dessert)

Westwood Club

6200 Club Lane Richmond, VA 23226

11:30 AM – 12:00 PM Check-in

12:00 PM – 1:00 PM Presentation

1:00 PM – 1:30 PM Question & Answer

Cost: \$25 (Cash or Check)

RSVP by September 9, 2011 to:

Amy Bird: (804) 205-3338 or

abird@Dewberry.com

(RSVP early as space is limited)



9th Annual ASCE Golf Tournament and Picnic
Thursday, October 6th, 2011

Registration & Box Lunch – 12:00 to 12:45 pm
Shotgun Start – 1:00 pm
Dinner, Prizes, and Awards – 6:00 pm to ~6:30 pm

Hosted by: ASCE Richmond Branch, Young Members Forum
To benefit: ASCE Richmond Branch's Annual UVA Scholarship and Educational Outreach Efforts

Providence Golf Club
1160 S. Providence Road, Richmond, Virginia 23236



- Format:** Captain's choice – 18 holes with Shotgun Start
- Cost:** \$125 per player includes greens fee, cart, driving range, drink coupons, raffle prizes, tournament prizes, box lunch, and dinner
- Note:** Foursomes receive \$100 team discount with \$100 sponsorship or greater
- Eligibility:** Open to all players but space is limited to the first 120 golfers to register
Sign-ups of less than 3 players will be grouped with others
- Registration:** Completed Registration and Sponsorship form (attached) with check payable to "ASCE Richmond Branch" can be mailed to:
- Tony Gaynord**
McKinney & Co.
100 S. Railroad Avenue, Ashland, VA 23005
- Completed forms can also be sent to Tony via fax at 804.798.7072 or emailed to agaynord@McKinney-USA.com
- Cancellations:** Please notify Mark Yanik at 804.615.4900 if you need to cancel.
- Sponsors:** Potential tournament sponsors should review the attached Registration and Sponsorship Form. **We need your help!** Please contact Mark at yanik@pbworld.com with any questions.
- Due Date:** Completed Registration and Sponsorship forms with payment are due by **September 23rd**.



Registration and Sponsorship Form

9th Annual ASCE Golf Tournament and Picnic
Thursday, October 6th, 2011

Registration:

	Name	Company	Telephone	Email
Team Capt.				
Player 2				
Player 3				
Player 4				

MULLIGANS will be available on the day of the tournament at \$5 each with a maximum of 2 per player

Sponsorship:

Yes! I want to support the ASCE Richmond Branch Younger Members Forum and the UVA Scholarship Fund. Please accept my tax-deductible donation, in return for the following sponsorship:

\$250 – Beverage Cart Sponsor: I will provide a beverage cart service for my fellow golfers. (Includes logo sign* and driver provided by Providence, or you can “ride along.”)

\$250 – Food & Drink Sponsor: I will sponsor the dinner that following the golf tournament. (Includes sign at buffet with your company logo* and recognition in tournament program and ASCE newsletter.)

\$100 – Hole Sponsor: I will sponsor one hole. (Includes your company logo* sign at the tee box and recognition in tournament program and ASCE newsletter.)

\$100 – Skill Contest Sponsor: I will sponsor one of five skill contests: Longest Drive (1), Closest to pin on par 3 (2), Drive closest to center on par 5 (1) and longest putt (1). (Includes logo sign* at tee box or green of respective hole and recognition in tournament program and ASCE newsletter.)

\$50 – Goodie Bag Sponsor: I will provide one promotional item for each player’s goodie bag (suggested items include pens, rulers, decals, calculators, etc.). Tournament organizers will distribute bags at registration.

= **Total Monetary Donation:** Payable to “ASCE Richmond Branch”

* Please e-mail Mark Yanik a hi-resolution image of your company’s logo as you wish it to appear (.eps format preferred but .jpg , .gif, and .bmp also acceptable) at yanik@pbworld.com.

Fee Determination:

Number of Golfers ____ x \$125 ea = \$ _____

Sponsorship Contribution = \$ _____

Minus \$100 (with foursome registration and \$100 sponsorship)= \$ _____

Total Enclosed = \$ _____

Thank you for supporting the Richmond Younger Members and the Future Civil Engineers of Virginia

Virginia Engineers Conference September 14-15, 2011 in Williamsburg

Brought to you by the **Virginia Society of Professional Engineers (VSPE)** and the **American Council of Engineering Companies of Virginia (ACEC/Virginia)**. Sponsored by the **VA Section of ASCE** and the **Richmond Chapter of ASHRAE**.

This educational conference is an annual statewide event that is directed towards all engineers and principals of engineering firms in the state of Virginia. The tracks include professional, technical and business on both days; structural on Wednesday; civil and mechanical on Thursday. We are continuing with the all day Project Management seminar on Wednesday and Scott Braley has expanded his materials for 2011. You can sign up for seminars in one track or mix them up - the choice is yours. A total of 12 professional development hours (PDH) may be earned by attending the entire conference or 6 in one day. Visit www.acecva.org to register.

Nominations sought for ASCE's 2011 Community Service Awards

Applaud the giving spirit of your fellow engineers. ASCE is seeking nominations for three awards that recognize members who have made contributions to their community through public involvement, public awareness, or public service. Click on each award to learn about qualifications and download forms:

- [The Citizen Engineer Award](#) honors individual ASCE members.
- [The Public Service Award](#) honors organized components within ASCE, be they Sections, Branches, student groups or others.
- [The Outstanding Service Project Award](#) recognizes a single noteworthy public service project.

All nominations are due Oct. 1. For more information, contact ASCE's Becky Waldrup at 800-548-2723, ext. 6281 or rwaldrup@asce.org.

Tech Support (Websites, Apps, and More)

Dedicated to the delivery of content that is just as usable on the mobile web as it is on your desktop, ASCE has launched the **ASCE Library Mobile Edition**. You need only point your mobile web browser to <http://ascelibrary.org> to view the entire ASCE Library optimized for display on devices such as the Google Android, Blackberry, iPhone, and iPod Touch, and devices running Windows Mobile, among others.

The ASCE Library site will automatically detect the use of a mobile device, and redirect the user to the mobile edition. All mobile devices with a web browser should be able to access ASCE Library with no difficulty, but full functionality—searching, use of article-bookmarking tools, and other article actions—is limited to the latest mobile web browsers, and requires JavaScript to be turned on.





STRUCTURAL ENGINEERING INSTITUTE

<http://content.seinstitute.org/>

The Structural Engineering Institute is a vibrant, 20,000+ community of structural engineers within the American Society of Civil Engineers. SEI started on October 1, 1996 in order to serve the unique needs of the structural engineering community while influencing change on broader issues that shape the entire civil engineering community.

SEI produces technical publications, journals, conferences, continuing education, codes and standards, and professional practice documents that advance the structural engineering profession.

- **2011 Student Structural Design Winners Announced**

SEI would like to congratulate the winners of the 2011 Student Structural Design Competition:

- First Place - Villanova Team
- Second Place - University of Colorado at Denver Team
- Third Place - Vermont Technical College Team

The Competition is organized each year by the SEI Student Initiatives Committee for the purpose of recognizing and encouraging excellence in undergraduate engineering education. [Visit the Competition webpage to see the winning projects.](#)

- **2012 O.H. Ammann Research Fellowship Call for Nominations**

The O. H. Ammann Research Fellowship in Structural Engineering is awarded annually to a member of ASCE or SEI for the purpose of encouraging the creation of new knowledge in the field of structural design and construction. You must be an ASCE or SEI Member, or in the process of applying for ASCE or SEI membership to be eligible. Ammann Fellowship applicants will submit a description of their research, an essay about why they chose to become a structural engineer, and their academic transcripts. This fellowship award is at least \$5,000 and can be up to \$10,000. The deadline for 2012 Ammann applications is **November 1, 2011**.

2011 Richmond Branch Annual Summary

The Richmond Branch had a great year! The ASCE planning calendar runs from October to September, and the **outgoing Branch President, Amanda Harmon**, summarized the Branch's 2011 activities in an annual report. Highlights from the report include:

- Held **monthly membership meetings**, including joint events with related societies and covering a wider range of topics
- Held monthly board planning meetings
- Involvement in Virginia Section board planning meetings
- Representation at RJEC Engineers Week Dinner
- Improved event planning to achieve a **balanced budget**
- Finalized Branch **By-laws**
- Finalized Scholarship By-laws
- Improved **officer succession planning** and training
- Government Relations
 - Hosted the 3rd Annual **General Assembly Social**
- Education Outreach
 - Hosted the ASCE Richmond Branch Scholarship **Golf Tournament**
 - Sponsored a college scholarship contest
 - Organized the **Annual Popsicle Bridge Contest**
 - Provided volunteers to assist with the VSU Richmond Area Program for Minorities in Engineering (RAPME)
- Younger Member Group
 - Hosted **post-PE exam happy hours**
 - Held a social event at the Richmond Flying Squirrels

Schedule of Upcoming Events

Date	Speaker	Topic	Location
September 14-15	Virginia Engineer's Conference		Williamsburg
September 20	Dr. Therese McAllister	NIST Investigation of the Structural Collapse of World Trade Center Buildings 1, 2, and 7 and its Impact on Future Building Codes	Westwood Club
October 6	Golf Tournament		Providence Golf Club

Richmond Branch Membership Survey

A brief survey was included with the officer ballot this year. The results revealed that most members consider monthly membership meetings and earning continuing education credits (or professional development hours, PDHs) top priorities. The other branch services were considered equally important: monthly newsletters, educational outreach, social activities, supporting student chapters, and government advocacy. The results were summed up well by one member who noted that *“we want good lunch meetings with plenty of advance notice.”*

Prepare for the fall P.E. exams with ASCE's Webinars

Take the upcoming P.E. exams with confidence, thanks to ASCE's convenient review courses conducted live on the Web, set to begin the week of Aug. 22. Three courses are offered: one on the Civil Exam; one on the Structural Exam; and one on the Environmental Exam. Taught by a team of experienced instructors, each course focuses on topics and material that have a high probability of being on the exams. Pay a single site registration fee and an unlimited number of engineers can participate. Register today at ASCE's official Continuing Education site. Don't hesitate - **deadline is Aug. 18!**

Call for Articles

The Richmond Branch of ASCE is soliciting short articles (500 words or less) for our fall newsletters. Articles may describe interesting projects, procedures, industry trends, etc.; however, articles with a heavy sales pitch will not be printed. Photos and figures are encouraged. Please contact the Communications Chair if you have any questions or to submit an article.

This Newsletter is brought to you by:



GREELEY AND HANSEN

Contact Information

Name	Office / Committee	Company	Phone	Email
Mike Howell, PE	President	Austin Brockenbrough & Assoc. LLP	592-3905	MHowell@ Brockenbrough.com
Amanda Harmon, PE	Past President	Kimley-Horn and Associates, Inc.	673-3882	Amanda.Harmon@ Kimley-Horn.com
Amy Bird, EIT, LEED AP	President Elect	Dewberry	205-3338	ABird@ Dewberry.com
Mark Yanik EIT	Vice President	Parsons Brinkerhoff	615-4900	Yanik@ PBWorld.com
Tony Gaynord EIT	Treasurer / Secretary	McKinney & Company	798-1451	AGaynord@ McKinney-USA.com
Denise Nelson, PE, LEED AP	Communications	Greeley And Hansen LLC	204-2407	DNelson@ Greeley-Hansen.com
Austin Clark PE	Government Relations	TranSystems	282-0377	AIClark@ TranSystems.com
Chris Miller, EIT	Younger Member Group	Bowman Consulting	616-3248	CMiller@ BowmanConsulting.com
(Vacant)	Education Outreach			
(Vacant)	Membership			

There is more great information at

ascevirginia.org

Support your branch! Would you like to advertise your company's logo in next month's issue? The cost is \$10 (checks only, made payable to ASCE Richmond Branch). Contact the Communications Chair for details.