



# The Waterproofer

The Newsletter of the Waterproofing Contractors Association

www.thewaterproofers.org

July 2009

## President's Message - James E. (Jim) Smith, T. A. Rupert Waterproofing



Thank you for all of your support of the WCA/ICRI Educational Benefit Sporting Clay Shoot and the ICRI/WCA Educational Benefit Golf Tournament. Both had an exceptional turn-out and raised over \$1,000.00 for each of our organization's scholarship funds. We look forward to the 3rd annual editions of these events in the spring of 2010.

"Stimulus": Something that rouses or incites to activity; an agent that directly influences the activity of a living organism.

While we all are excited about, and looking forward to, the results of the Federal Government's Economic Stimulus and its effect on the economy, the WCA wants to provide a stimulus also. The WCA Stimulus will be of a mental nature, but could have no less of a profound effect on the bottom line of your company. The more knowledge we have, the more prepared we are to compete in the marketplace. It is our hope to keep our members abreast of the latest information in the industry.

To this end, at our upcoming Fall Convention at the Myrtle Beach Grande Dunes Resort, September 10-13, 2009, one of the features of Saturday morning's session will be "What's New In Waterproofing". This is an opportunity for our manufacturer, contractor and design professional members to share their latest innovations and technology. The rest of our sessions should also be stimulating, with topics like, "Joint Sealants: the Common Denominator" and "Integrating Flashing Systems into Air Barriers". These are topics that have been very popular in your member responses to our online surveys. We also look forward to a legal update from Andy Anderson, our association legal counsel.

Along with all this information, we will also have many opportunities for relaxation, including; The Hospitality Suite, the second annual Girls in Pearls Ladies Tea, Golf, Sporting Clays and of course, the Banquet and the Poolside Reception. Bring the family, stimulate your mind and relax your spirit.

I look forward to seeing you all in September.

*Jim*

## JOINT EVENTS ON TARGET FOR SCHOLARSHIP FUNDS

Since the last newsletter, the WCA has participated in two joint events with the Carolinas Chapter of the ICRI: a Sporting Clay Shoot held April 16 at Friendship Sporting Clays and the Spring Classic Golf Tournament held May 14 at The Challenge Golf Club in Graham. Even in this slowed economy, over 100 members and guests from each of the organizations attended the two events. The Sporting Clays netted nearly \$600 and Golf netted over \$1,000 for each organization's scholarship funds; a job well done by the event committees and the attendees. Copies of the special edition newsletters for each of the events with more detailed results are available on the respective websites.



## CONGRATULATIONS WCA SCHOLARSHIP WINNERS

Here's the list of this year's scholarship winners. All their names plus the two winning essays are posted on the WCA website at [www.thewaterproofers.org/wca\\_scholarship.htm](http://www.thewaterproofers.org/wca_scholarship.htm)

### \$1000 Scholarship Recipients

Jaclyn Pepler Tootell  
College of Charleston  
Junior in Business Admin.

Ryan Paul Sutton  
Virginia Tech  
Freshman in Political Sci.

Benjamin T. Holland  
UNC-Charlotte  
Sophomore in Engineering

Laura J. Holland  
Appalachian State University  
Senior in Education

Kimberley Strother  
Georgia Institute of Technology  
Senior in Civil Engineering

### \$300 Scholarship Recipients

Ericka Leigh Douglas  
UNC-Charlotte  
Senior in Comm/PR

Spenser Slough  
William & Mary  
Sophomore in History/Gov

Hunter Harrell  
UNC-Greensboro  
Junior in Bus Admin

Courtney Michelle Elliott  
USC Upstate Spartanburg  
Sophomore Undeclared



# THE BIG ONE RETURNS: THE WCA FALL CONVENTION AT GRANDE DUNES

This is the meeting that everyone (members, spouses and kids) has been waiting for; the annual Fall Convention and unofficial Family Reunion of the WCA. We are back for our fourth year at the Grande Dunes.

This year, with the very positive feedback from the membership, the awards banquet will again be on Friday night so more people can stay and attend. On Saturday evening will be also repeat the popular poolside reception with an open bar and hors d'ouvres, but we'll do it from 5:30 – 7:30pm to give people a chance to go enjoy the Myrtle Beach night life or adjourn to the Hospitality Suite..



With the tremendous feedback from the players, the Golf Committee chose to stay put and we will again travel north for about 30 minutes into North Carolina to Farmstead Golf Links in Calabash. As many observed, Farmstead Golf Links is one of the most exciting courses in the Carolinas. This is a Willard Byrd / Dave Johnson designed golf course with tif eagle grass greens and 419 Bermuda fairways. Routed along a spectacular piece of land, the course boasts one of the most memorable holes in Myrtle Beach -- its mammoth, 767-yard, 18th hole. The area's only par 6, this finishing hole actually begins with a drive into a wide sweeping fairway in South Carolina and concludes on a large undulating green in North Carolina.

## Another Special Golf Tournament Drawing

And everyone who is a paying participant in golf will be entered into a drawing for a new Callaway FT-5 driver, valued at \$600. The winner will be drawn Saturday morning at the business meeting but you must be present in the room to win.

For those of you who really get geeked about golf technology, the FT-5 Driver utilizes Fusion Technology, in which 50 grams of discretionary weight was created using a Carbon Fiber Body—creating the OptiFit Weighting System that produces three center of gravity configurations: Draw, Neutral and Fade, enabling golfers to choose a combination to best suit their game. The larger, more robust CT/VFT Titanium cup face offers increased ball speed, distance and forgiveness—even on misses. Now, through I-MIX Technology, you can have the power to optimizing your FT-5 Driver to meet any conditions. From course conditions to a player's preferred strategy, I-MIX Technology gives you the same level of choice as the Callaway Tour Pros.



## 4th Annual WCA Fall Sporting Clays Shoot on Saturday



Sporting Clay Shoots are growing in popularity within the WCA...as evidenced by the 50 participants at the second WCA/ICRI Shoot. If you missed that one and want to try it, or you're hooked on shooting and breaking clays, sign up for the WCA Fall Sporting Clays Shoot returning to the fully automated state-of-the-art Myrtle Grove Gun Club.

Since so many men ate on the way and arrived ready to shoot, we have eliminated lunch; grab something on the way and come ready to shoot. We will hit the course at 1:15pm; if you want to bust a few clays as a warm-up, arrive early.

Bring your own gun or borrow one from someone in your group; you'll shoot 100 targets on the sporting clays course plus warm-ups. Beginners and expert marksmen...everyone can have fun and can participate. The competition uses the Lewis Scoring System, a handicap system that gives everyone a chance to win regardless of their score. For every 10 shooters, we'll have a division with first and second place prizes and we'll have a drawing for a \$100 gift certificate (open to all contractors, architects and engineers participating in the shoot). All prizes are donated by Guaranteed Supply Company

### Platinum Corporate Sponsors:



*"For the Best in Building Materials"*



### Gold Sponsors:

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 Stone Restoration of America

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 T.A.Rupert Waterproofing  
 Tremco Incorporated  
 Watertight Systems

# 2009 Fall Convention Schedule

## Marriott Resort at Grande Dunes, Myrtle Beach, SC

### Thursday, September 10, 2009

4:00 p.m.  
WCA Board of Directors Meeting  
Heron Room

5:00 p.m. until 12 midnight  
Hospitality Room Opens, Suite 1031/1032

DINNER ON YOUR OWN

Friday, September 11, 2009

7:00 a.m.  
Registration & Table Top Displays  
Tides 1 & 2

8:00 a.m.  
Welcome and Announcements  
Jim Smith, WCA President

8:15 – 9:45 a.m.  
PROGRAM SESSION:  
“Don’t Burst My Bubble. Air Barrier Failures”  
Larry Elkin, PE & Scott Harvey, AIA, RWC, LEED AP,  
Applied Building Sciences, Charleston, SC

9:45 – 10:00 a.m.  
Break

10:00 – 11:15 a.m.  
PROGRAM SESSION:  
“Integrating Flashings into Air Barrier Systems”  
Charles Muldrow,  
Stubbs Muldrow Herin Architects, Mt.Pleasant, SC

11:15 a.m.  
Adjourn Morning Session

11:45a.m. – 12:45 p.m.  
WCA Ladies Tea: Girls in Pearls  
The Courtyard

12:30 p.m.  
WCA Annual Fall Golf Tournament  
Farmstead Golf Links, Calabash, NC  
Box Lunch at course and Range Balls included.  
No personal coolers; two drink tickets provided.  
Cash beverage carts on course

Children’s Activities Poolside

WCA Annual Awards Banquet  
6:30pm Bar Opens  
7:30-9:30pm Dinner & Awards  
Business Casual; Oleander Ball Room

9:30 p.m.  
Hospitality Room Reopens, Suite 1031/1032

### Saturday, September 12, 2009

7:30 a.m.  
Table Top Displays

8:00 a.m.  
WCA Annual Business Meeting  
Election of 2010 Officers / Golf Prizes  
Jim Smith, WCA President

8:30 – 9:15 a.m.  
PROGRAM SESSION:  
“Legal Update”  
Andy Anderson, Anderson Jones

9:15 a.m. – 10:15 a.m.  
PROGRAM SESSION:  
“Sealants: The Common Denominator”  
Rick Cook  
ADC Engineering

10:15 – 10:30 a.m.  
Break

10:30 a.m. – 12 noon  
PRODUCT SHOWCASE:  
“What’s New In The Industry”

Specified Materials	George Arnold Louis Boyd	CETCO - Coreflex EMSEAL - New Expansion Joints
Sika Corporation	Jim Hadley Patty Springer	Sika Liquid Plastics Preprufe 300R/160R & Vapor Permeable Sheet Applied Membranes
Aquafin	Brian Cordak George Nix	2KM Decorative Uses New Technologies in Blind Side Waterproofing
Henry Company	Steve Shanley Shaun Geiger	CM 100 Elasto-Deck Products
Pacific Polymers	Dan Bueker	Degadeck Crack Sealer Plus - "Low Viscosity Methyl-Methacry- lates on Cracked Concrete"
BASF		

12:00 p.m.  
Adjournment

1:15 p.m.  
Annual WCA Fall Sporting Clays Shoot - Myrtle Grove Gun Club  
660 Highway 143, Longs, SC (843) 716-9700  
Lunch on your own  
Separate divisions for every 10 shooters (i.e. A/B/C divisions);  
100 targets;  
BRING YOUR OWN GUNS, SHELLS, EAR & EYE PROTECTION.  
First and Second Place Awards in each division plus a Drawing of a  
\$100 gift card for all Contractors, Engineers & Architects participating  
in the shoot; all prizes donated by Guaranteed Supply Company

Free Time until Saturday Evening Reception  
Children’s Activities Poolside

5:30-7:30 p.m.  
POOLSIDE RECEPTION  
Casual Dress, Outside on Lower Pool Deck

### Sunday, September 13, 2009

8:30 a.m.  
WCA Board of Directors Meeting  
Tides 2 Room

# 2009 WCA FALL CONVENTION SPEAKER BIOGRAPHIES

## **Larry Elkin, P.E., Senior Professional Engineer, Applied Building Sciences, Inc. Charleston, SC**

Mr. Elkin's professional career includes more than ten years of experience in diagnostic evaluations, building repair design, and construction project management. His expertise is primarily in the physics of Thermodynamics and Fluid-dynamics as they apply to building envelope systems. He has performed evaluations of roof, wall, floor and foundation systems to identify moisture infiltration paths and determine the potential for moisture accumulation within these systems. Mr. Elkin has developed computer models and databases to simulate and track building failures. He has particular expertise regarding evaluations of thermal/moisture barriers, designing repairs for failed building envelopes and managing building envelope remediation projects. More recently Mr. Elkin has focused on building assembly failures associated with inappropriate building practices and misinterpretation of building code requirements. Mr. Elkin has also provided expert testimony to assist in the resolution of construction litigation.

Mr. Elkin is also knowledgeable in the fields of mechanical systems. He has performed indoor air quality evaluations and thermal comfort studies in accordance with American Society of Heating Refrigerating and Air-Conditioning Engineers (ASHRAE) standards. Mr. Elkin has also designed mechanical systems including a ventilation network for the Smithsonian Institute in Washington, D.C. and a Department of Energy research facility.

He received a Master of Science in Mechanical Engineering in 1993 and a Bachelor of Science in Mechanical Engineering in 1991, both from Rose-Hulman Institute of Technology and is an Adjunct Professor of Engineering at Trident Technical College.

## **Scott Harvey, AIA, RWC, CDT, LEED AP, Registered Architect, Applied Building Sciences, Charleston, SC**

Scott Harvey has over 10 years of experience in architecture. He is responsible for existing facility condition surveys and failure analysis of building components. He also analyzes contracts, building codes, and life safety issues. Mr. Harvey has broad experience in the evaluation and research of industry standards as they relate to building violations. Mr. Harvey also provides services to teams during the design phase of a project. This effort is related to waterproofing failures and deficiencies, code violations, life safety, and general quality control issues as well as quality assurance reviews during the project documentation phase. Prior to joining Applied Building Sciences, Inc, Mr. Harvey's experience was primarily in the field of design. His major client was the United States Army Corps of Engineers. Mr. Harvey provided them with services covering the design and documentation for bidding and constructing new facilities as well as renovations of existing facilities. Mr. Harvey also provided construction administration services for these facilities.

He obtained his Master of Architecture at North Carolina State University in 1998 and also has a Bachelor of Environmental Design from Miami University, Oxford.

## **Charles Muldrow, President Stubbs Muldrow Herin Architects, Mt.Pleasant, SC**

With more than nineteen years experience in architectural design and planning, Mr. Muldrow offers in-depth knowledge and expertise in design for office, retail, governmental, academic and church projects.

As one of SMHa's founding principals, he has been with the firm since 1990 and is a registered architect. His project experience ranges from feasibility and master planning studies to design and construction administration for projects ranging from \$100,000 to \$28 million.

He graduated with a Master of Architecture and a Bachelor of Design from Clemson University, and studied at the Charles E. Daniel Center for Building Research and Urban Studies in Genoa, Italy. He is a member of the American Institute of Architects and is a LEED Accredited Professional.

Muldrow was the 2002 Architect of the Year for the Charleston Contractor's Association and possesses an impressive list of honors including Charleston Chamber of Commerce, Leadership Charleston, 2000; Top Forty Under 40, 1999, Charleston Regional Business Journal; and Tau Sigma Delta, Architectural Honorary.

His extensive involvement in community affairs includes Mt. Pleasant Commercial Design Review Board, past vice chairman; Mt. Pleasant Rotary and East Cooper Breakfast Club, past Board of Directors; Town Appearance Commission, Mt. Pleasant; National Register District, past member; AIA Charleston, past president and member; South Carolina AIA, member; past section director; Hibben United Methodist Church, Vice Chairman of Trustees; and the East Copper Planning Council (Citizen's Advisory), Steering Committee.

## **Andy Anderson, Attorney-at-Law Anderson Jones, Raleigh, NC**

V.A. "Andy" Anderson is in his twentieth year of practice. He is a native of Dunn, North Carolina and currently resides in Clayton, North Carolina. Prior to entering the legal profession, Andy worked for a commercial contractor part time for four years and full time for 10 years. Andy also served as Vice President of Mid-South Construction, a large scale commercial general contractor.

Andy received his Bachelor of Arts degree from Campbell University in 1985 and Juris Doctorate from Campbell University Law School in 1988. Andy is a member of the North Carolina Bar Association and Construction Law Section, is a certified Superior Court mediator and is a former member of the North Carolina Construction Law Council. He has given numerous seminars on construction matters and has taught seminars for Carolinas AGC, ABC, Mechanical Contractors of North Carolina, North Carolina Association of Electrical Contractors, Waterproofing Contractors of America, North Carolina Homebuilders, AIA and others and Continuing Legal Education classes for attorneys in construction law and OSHA defense.

He has extensive experience and represents owners, design professionals, general contractors, subcontractors and suppliers in litigation and transactional matters, collections, lien and bond claims, construction disputes, administrative law, OSHA defense, contracts and related legal matters and is expanding his practice into immigration matters. Andy is a senior partner in the law firm of Anderson Jones, PLLC in Raleigh, NC.

## **Richard Cook, Jr., RRC, RRO, RWC, LEED AP ADC Engineering, Hanahan, SC**

Rick Cook is a nationally recognized expert, and serves as Vice President of ADC Engineering and leads the largest staff of roofing/waterproofing consultants in South Carolina.

ADC ENGINEERING, INC. (ADC) is a full service Structural Engineering, Civil Engineering, Land Planning and Landscape Architecture, and Roofing/Waterproofing Consulting firm.

In January 1990, ADC Engineering, Inc. began with only two employees and a 900 square foot rented office space with only structural engineering services being offered. Today, ADC Engineering has 38 employees with 11 being registered professional engineers, 5 registered engineers-in-training, 3 registered Landscape Architects, and 2 Registered Roof Consultants.

**Registration for 2009 WCA Fall Convention**

Marriott Resort at Grande Dunes, Myrtle Beach, SC - September 10-13, 2009

**Both Conference and Hotel Registration Deadlines are August 10, 2009**

WCA Memberships must be received paid for 2009 to attend the Convention as a member.

If your dues are not current, please enclose an additional \$275 for your 2009 membership.

Company \_\_\_\_\_ Name \_\_\_\_\_

Spouse \_\_\_\_\_ Children \_\_\_\_\_

Guests (prospective member & company): \_\_\_\_\_

(NOTE: this is a one time only trial visit)

Mailing Address \_\_\_\_\_

E-mail: \_\_\_\_\_ Phone \_\_\_\_\_

**WCA MEMBER REGISTRATION FEES**

Member Attendees: \$275 per person X \_\_\_\_\_ = \$ \_\_\_\_\_  
(no additional charge for spouse)

Invited Prospective Member: \$175 includes Fri Banquet & Awards \$ \_\_\_\_\_

Friday Night Awards Dinner  
Children 10 and under-\$25.00 \$ \_\_\_\_\_ Children 11 and up -\$35.00 \$ \_\_\_\_\_

**SPECIAL NOTE: To assist in our planning, please indicate the number in your party expected at:**

Friday Evening Awards Banquet: Adults: \_\_\_\_\_ Youth (under 11): \_\_\_\_\_

Saturday Evening Poolside Reception: Adults: \_\_\_\_\_ Youth (under 11): \_\_\_\_\_

The Golf Tournament is at the Farmstead Golf Links in Calabash, NC. WCA tee times will start Friday afternoon, September 11, 2009 at 12:30pm. **Only 40 slots are available. (\$90.00 includes 1/2 cart fee, 2 drink tax, range balls and boxed lunch)** AND entry in drawing for Callaway FT-5 Driver at the Saturday morning Business Meeting (must be present to win). Handicap: A B C D \$ \_\_\_\_\_

The Fourth Annual WCA Fall Sporting Clays Shoot is at the Myrtle Grove Gun Club in Long, SC. The shoot will start Saturday afternoon, September 12, 2009 at 1:15pm. LUNCH ON YOUR OWN. Bring your own gun, shells & ear/eye protection. Registration: **\$70.00 includes clays**, AND one entry for contractors, engineers & architects in drawing for a \$100 gift certificate courtesy of Guaranteed Supply. \$ \_\_\_\_\_

**WCA SPONSORSHIPS**

Platinum Conference Sponsorship: \$1,000 and logo artwork \$ \_\_\_\_\_  
(includes banner with logo displayed in meeting rooms of Fall Conference)

Gold Hospitality Sponsorship: \$500 + banner with all Gold Sponsors \$ \_\_\_\_\_

Silver Hospitality Sponsorship: \$250 \$ \_\_\_\_\_

Bronze Hospitality Sponsorship: \$100 \$ \_\_\_\_\_

(All sponsorships include recognition on sponsor board at conferences and in newsletter)

Association Dues (if not current for 2009, add \$275.00) \$ \_\_\_\_\_

Total amount due \$ \_\_\_\_\_

Do you want a tabletop display? Yes No (No charge if membership dues are paid in full)

**For Room Reservations, call the Marriott Resort at Grande Dunes direct 1-800-644-2881. OUR ROOMS WILL ONLY BE HELD UNTIL AUGUST 10, 2009. Room rates (single/double) are: \$155.00; plus 13% taxes. Additional Persons: \$20.00. Or you can register on-line at [www.marriott.com](http://www.marriott.com) using our conference code: WACWACA Seven day cancelation policy. Parking for WCA is FREE.**

**Note: Conference registration received after August 10, 2009 must include a late fee of \$25.00 for a total of \$300.00.**

Mail to: WCA Fall Convention, 8608 Timberwind Drive, Raleigh, NC 27615

Checks payable to WCA or register on-line with credit card at [www.thewaterproofers.org](http://www.thewaterproofers.org)

## **2009 WCA OFFICERS AND BOARD OF DIRECTORS**

### **PRESIDENT**

Jim Smith - T.A. Rupert Waterproofing - North Charleston, SC

### **VICE PRESIDENT**

Robert McDowell, Seager Waterproofing, Greensboro, NC

### **SECRETARY**

Mark O'Brien, Guaranteed Supply, Raleigh, NC

### **TREASURER**

Ken Hope, Tremco Incorporated, Cornelius, NC

### **DIRECTORS**

Immediate Past President  
Robert Amos - Valcourt Building Services  
Bradenton, FL

Russell Davis, Kenseal Construction Products, Myrtle Beach, SC

Brian Spencer, BASF Building Systems, Lexington, SC

Roger Baldwin, Tucker-Kirby Company, Columbia, SC

## **2009 WCA COMMITTEE CHAIRMEN**

Fall Convention/ Education  
Hospitality

Jim Smith/Robert Amos  
Todd Douglass/Richard Bramlett

Grievance & Resolution

S.W. Baldwin

Website/Newsletter

Kelly Andrews

Nominating/Awards/Scholarships

Mark Hollander/Robert Amos

Sporting Clays

Roger Baldwin

Legislative  
By Laws/Historian  
Golf

Membership  
Children's Activities  
General Counsel

Andy Anderson  
Greg Harrell  
Mark O'Brien/ Mark Hollander  
Brian Spencer  
Pam Harrell  
Andy Anderson

## **2009 KEY MEETING DATES • BOARD OF DIRECTORS MEETINGS/CONFERENCES AND CONVENTIONS**

July 9, 09 Board Meeting - Marriott Grande Dunes, Myrtle Beach, SC  
Sept 10, 09 Board Meeting - Marriott Grande Dunes, Myrtle Beach, SC 4:00pm  
Sept 11-12 09 Fall Convention - Marriott Grande Dunes, Myrtle Beach, SC  
Sept 13, 09 Board Meeting - Marriott Grande Dunes 8:30am  
Oct 29, 09 Board Meeting - Dunhill Hotel, Charlotte

### **WCA EXECUTIVE DIRECTOR**

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