

SPRING 2014

Radon Reporter



AARST is Raising the Profile for RADON PROFESSIONALS

Fighting for EPA Radon Grants
Radon House from Heck
Legislative Roundup
2014 Symposium Preview



AARST
• FOUNDATION •



AARST-NRPP

The National Radon Proficiency Program (NRPP) is recognized as the nation's leading certification program for radon professionals, with over 2500 certified professionals qualified in measurement, mitigation and as radon laboratories.

Administered by the AARST, professionals engage in a process of continuing education, professional development and quality assurance protocols. All members are expected to operate in accordance with ethical practices based on national standards as well as adhering to local rules and regulations. Through the work of an advisory board and technical committees, the AARST-NRPP is involved in a process of continued quality and technical improvement and is working on new credentials which reflect state of the art approaches to radon services in the home, large buildings and schools.

NRPP staff and certified professionals are committed to excellence and professional compliance to national standards. This raises the professional profile of all radon professionals and ensures that radon measurement and mitigation in the home and workplace is properly addressed.

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AARST, the American Association of Radon Scientists & Technologists, is a nonprofit, professional organization dedicated to the highest standard of excellence and ethical performance of radon measurement, mitigation and transfer of information for the benefit of members, consumers, and the public at large. AARST's leadership is democratically elected by the members.

AARST represents your voice as we meet the wide range of challenges facing radon professionals and the community. Your membership and participation provides you a voice in the changes to come, and allows you to gain updated information, discover new techniques, learn about new problems before they occur, and hone your professional skills.

AARST has several local chapters where you can meet other radon professionals and state and federal officials who work with the radon industry.

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REGIONS & CHAPTERS

MEETINGS, CONFERENCES AND EDUCATIONAL EVENTS

*L*ate winter into early spring is traditionally the time for radon meetings, conferences, and education opportunities. This year was no different, with EPA Regional Stakeholders meetings and AARST Chapter conferences offering an impressive array of choices.

EPA **Region 7** and the **Heartland Chapter** kicked off the season in West Des Moines, IA, March 3rd and 4th with CE courses in Multifamily Measurement and Mitigation provided on the first day of the 2-day event by Spruce Environmental Technologies and Kansas State University.

Next, **Region 6** hosted a meeting on March 25 in Dallas, followed by the **Region 8** meeting and CE classes March 3rd and 4th in Denver, which attracted 80 or more attendees. Courses on fan selection, inspecting radon systems, and radon measurement and mitigation in large buildings were available to registrants.

During the Region 8 event, AARST members revived the **Rocky Mountain Chapter**, electing Tammy Linton as President.



Rocky Mountain Chapter President Tammy Linton with Mark Linton and Don Humphrey

Continuing education classes covered Multi-family Measurement and Mitigation, RRNC, Fan Selection, Radon System Inspection, Measurement and Mitigation in Large Buildings, and much more.



CE class with Bruce Snead

The **Region 3** conference spanned three days, from April 22 to April 24, and included a full day of continuing education that focused on RRNC. The CE day was followed by a one-day stakeholders meeting and then a State and EPA meeting. Held in Fredericksburg, VA, the event drew more than 100 professionals.

On April 25th and 26th **Midwest AARST** held its annual spring conference in Chicago, drawing a large number of attendees and offering speakers such as Dr. Bill Field from the University

of Iowa, Dr. Wallace Akerley and Dr. Mary Puckett of CDC.

The **Region 4** meeting, in Jacksonville, FL was held May 6th.

Sandwiched between the Midwest AARST and the Region 4 meeting, **CARST**, our Canadian cousin, held its second annual conference in Mississauga, Ontario, successfully attracting more than 80 attendees.

On the Cover

Editor's Note: When planning how to highlight this issue's cover article, "AARST Is Raising the Profile for Radon Professionals," it was decided that we needed a cover photo of a real AARST-NRPP mitigator. Combing the internet and our own extensive photo files, we found this file photo, which encompassed what we were looking for: a certified mitigator on the job, wearing his tool belt and standing alongside a newly installed radon system. Our thanks to Travis for granting us permission to use this photo.



Travis Jewell is an AARST-NRPP and IEMA certified radon mitigation professional. He entered the construction industry ten years ago as a summer job before college (University of Utah). He soon became a skilled laborer who enjoyed construction and contracting. Travis founded a concrete company in 2001 and installed stamped concrete patios and driveways. In 2005 he began working in the radon mitigation industry, using his experience in and knowledge of the trades to become a successful radon mitigation provider.

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REPORT FROM THE BOARD

“AARST IS RAISING THE PROFILE FOR RADON PROFESSIONALS.”

A new and progressive direction has been charted for radon professionals by the AARST National Board. The board met in Baltimore during the week of February 24, 2014 and took significant steps to raise the profile and status of AARST and NRPP certified professionals.

AARST President Shawn Price noted the AARST Board made bold moves to raise awareness of member's increasing professional capabilities, as well as increasing quality assurance and compliance of services that members will provide to the public.

“We are stepping up to the plate and making decisions for the 21st Century,” said Price.

These changes will provide more benefits, more tools, and more capabilities to all AARST members and will raise the profile of AARST's NRPP certifications and improved compliance procedures.

In order to accomplish this, the board made decisions regarding the direction of membership status, and membership requirements, including experience levels, C.E., curriculum and quality assurance.

The roll-out of these changes will take place over the coming summer and at the 2014 International Radon Symposium, continuing over a two year period. Some of these steps will be recommended to and then initiated fully by the National Radon Proficiency Program (NRPP) policies and procedures as that program becomes fully integrated into AARST. To that end, the board has implemented an initial restructuring that recognizes NRPP professionals.

NRPP Members Granted AARST Associate Membership – At No Cost.

The board voted to grant associate AARST membership for all NRPP members as of July 1, 2014 – at no extra charge.

This level of Associate Membership will be for the next two years and subject to a discounted continuing renewal, provided the NRPP Associate attends either a Symposium, an AARST Chapter meeting, or an EPA regional radon stakeholder's meeting over the next two years. Opening up associate membership status to NRPP professionals does not affect their certification process; it will add muscle to their ability to market their services, and NRPP professionals will now receive print copies of the Radon Reporter, free AARST QA templates, and access to 24/7 online standards. While not having voting status or the full AARST Member Tool Kit, they will be receiving more free tools than ever before.

AARST-NRPP Membership Status and Restructuring

The board also set up a committee to establish and communicate AARST membership levels that clearly recognize experience with higher levels of competency and expertise. These levels will range from a Journeymen to Master level for Radon Measurement and Mitigation professionals, as well as additional specialty categories that may include Vapor Intrusion and Large Buildings. The categories will recognize years of experience and expertise, specialized courses, as well as the new add-on specialty certifications through NRPP and other training (e.g. OSHA safety), and require a higher level of oversight and increased compliance by members seeking this status.

“The goal,” said AARST board member Tony McDonald, “is to recognize experience and levels of expertise of our professionals and to be able to convey that to the consumer and marketplace.”

“It's also about expecting our members to work harder for this professional recognition,” said Price. “This is part of a restructuring plan that began last year and includes new add on certifications for RNNC and Multifamily Measurement and Multifamily Mitigation Providers.”

According to NRPP Policy Advisory Board Chair Bruce Snead, “These new certifications will be rolled out this summer and exams and the criteria will start coming out the door and be available at the 2014 International Radon Symposium. We're working hard to ensure this and the new exams are currently being beta tested and calibrated.”

The NRPP certification program will begin listing these add on classifications and making this information available to the public. The NRPP add on certifications will assist HUD, as well as other regulatory agencies and state programs that are seeking professionals qualified for this type of specialized work.

Quality Assurance for Radon Mitigators – Guidelines and Training to be Set

The AARST Board approved committees to work on goals and guidelines for quality assurance for mitigators, and is to establish preliminary training for this at the 2014 International Radon Symposium and to convey this information to the NRPP Policy Advisory Board.

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AARST RAISING PROFILE OF RADON PROFESSIONALS (Continued from p. 5)

The goal is to encourage and require project management training and quality assurance training for higher levels of professional recognition.

QA Plans will be required by mitigators in the near future, and they will be needed because AARST is moving to set up new compliance and oversight of AARST NRPP mitigation providers.

"AARST is committed to working through its NRPP certification program to ensure our credentialed professionals are working in compliance with its established standards.," said Kyle Hoylman, the AARST Board member who made the motion to improve the system.

Starting in 2014, NRPP has hired a paid compliance manager who oversees complaints.

AARST's goal is to streamline and improve compliance and oversight so that consumers know where to go to get their systems inspected and how to get adequate resolution.

"Adhering to minimum standards, and working within a corrective action system, is important to all of the stakeholders – consumers, regulatory agencies and NRPP professionals," said Hoylman, who has been instrumental in getting AARST's Kentucky Chapter involved in regulations that involve the industry oversight and support from state officials.

2014 is the beginning of new challenges and opportunities for AARST.

We're going where no one has gone before. We're creating the next generation of AARST Leadership and Professionalism that promises more opportunities for raising radon awareness and risk reduction as well as exciting new possibilities... New Standards, New Markets, New Tools, New Leadership, New Certifications will be rolling out at the 2014 International Radon Symposium in Charlestown.



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PDS STOCKS A LARGE SELECTION OF RADON MITIGATION SUPPLIES

RADON ADVOCACY

A BUSY APRIL FOR STATE AND TRIBE RADON FUNDING ON CAPITOL HILL

Once again, EPA leaders and the Administration have submitted an agency budget that cuts radon programs right to the bone. And once again, a small group of dedicated radon advocates is aggressively fighting to save the nation's radon program up on Capitol Hill. In early April they went to Congress in Washington, D.C. to fight these cuts.

The EPA budget message to Congress is that radon has effectively been fixed, and the radon program funding of states and tribes through radon grants is redundant and is no longer necessary. This in a nation with no requirement to find or test homes for known radioactivity and yet we require many other test in home sales and occupancy policies.

Two empowered radon advocates from the West Coast testified to the House Appropriations Interior Sub-Committee that EPA's statement of redundancy was just not true.

On April 9 Twa-le Abrahamson, representing the Spokane Tribal Nation flew in by herself to testify to the committee members that the tribe nations rely on not only SIRG grants for informing tribal citizens and families of this radioactive menace, but they also rely on technical support of an EPA Radiation Lab. She spoke from personal experience.

In 2011, I started testing schools and homes on the Reservation. Due to our Tribe's inability to provide the 40% match associated with SIRG funds, we sought alternatives to fund testing and outreach. The Spokane Tribe was one of 99 tribes, tribal consortia or tribal organizations that have utilized services provided by EPA's Radiation and Indoor Environments (R&IE) National Laboratory for analysis since 1996. EPA's Radon Testing Program not only helped to

promote radon awareness, but also provided radon test kits to Tribal communities, environmental justice partners, disadvantaged groups and non-profit organizations. Tribes from all 9 Regions with Federally Recognized tribes have participated in the EPA-LV Lab testing programs.

The budget submitted by EPA effectively closed down the lab services that the tribes relied on.

According to AARST Lobbyist Randy Pence, the committee members were very attentive to Twa-le's testimony and they responded with thoughtful questions seeking to address the situation.

On Thursday, Marlene MacEwan, of Cancer Survivors Against Radon told the committee how she lost her husband Bob to radon induced lung cancer, and how she and Bob would have tested their home when they bought it, if they had known it was a danger.

I called EPA to ask about radon. I was told that the average radon level in our area in Oswego, Oregon was only 1.8pCi/L, well below the EPA action level of 4pCi/L. However, our home tested at 57.2pCi/L, more than 14 times the EPA action level. We had no idea.

Losing my husband has been devastating. Our future together and with our family was gone in a moment. Bob lost everything and everyone, an awful tragedy that has taken its toll on us all and will be with us for the rest of our lives.

She went on to support the 45 State radon programs and up to 12 tribal programs that rely on SIRG.

State radon programs work with community-based University extension services, and they also partner with



Marlene MacEwan with Peter Hendrick on Capitol Hill

organizations like the American Lung Association and other health and education service providers to make sure that consumer awareness is high and that they are able to find and locate trained service providers. This will be lost if SIRG is not funded.

On behalf of the members of CanSAR and their families, Marlene said that she spoke "especially those who can no longer speak to this issue" and asked specifically for the following:

1. Radon Categorical Grants – For FY15 EPA has proposed \$0.0. I am opposing this cut and recommending that \$14.5 Million be allocated to adjust for inflation. This request mirrors other requests you will receive from the groups active on radon issues.

2. Additionally, the Regional 11.9 FTEs that oversee SIRG were cut by EPA in its FY14 Submittal to Congress. The FTEs need to be reinstated if the SIRG funding is to be properly managed. We learned yesterday, verified by EPA, that the FTE was not loaded into the regional budgets for FY2014. Without the FTE to administer the grants, the restoration of

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FIGHTING FOR EPA GRANTS

(Continued from p. 7)

administer the grants, the restoration of the radon grants funding can have no impact. Therefore, we bring this to the Committee's attention and ask that the Committee address it to ensure that EPA will indeed load the requisite FTE into the regional budgets to administer the radon categorical grants for FY14 and FY15.



Marlene and AARST Lobbyist Randy Pence

3. I Support the Environmental Program Management budget for FY 2015 (Page 531) as Submitted by the agency.

4. And I am requesting that \$75,000 be reinstated under the radon program's Science and Technology Budget to ensure grants to enable U.S. STAR radon chambers to inter-compare with International STAR Chambers to maintain quality assurance of reference for a national radon standard.

At the end of the hearing, both committee chairs spoke directly to Marlene. They are facing tough budget decisions, but told Marlene that they work hard to address the radon issue.

AARST Executive Director Peter Hendrick and AARST Lobbyist Randy Pence were with Marlene during her testimony. They both thought that Marlene and Twa-le worked hard to mount an effective effort to save and continue state radon funding.

According to Hendrick, the SIRG funding battle is not over and the outcome is far from certain, but AARST is looking towards the next goal.

AARST will be returning to Capitol Hill in the coming months to seek new radon policy authorization. "Until we get new agency authority in the place, authority in an agency committed to radon health risk, one that addresses the real and ever increasing risk in this nation," Hendrick said, "we'll continue to fight EPA cuts to the only effective risk communication out there."

"Once EPA does something real with protecting 21,000 annual lives lost, then and only then will be the time to look at funding alternatives."

A photo of Marlene's husband Bob, along with other photos of CanSAR members lost to lung cancer, was on the testimony table for the committee to see. Radon is very real.

Our nation needs this program to keep our citizens informed. The cuts to the SIRG program and the Regional Support staff must be reinstated so that the States and Tribes participating can do their jobs.

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HOUSE FROM HECK

THE IN THE ROOM

John Mallon, Radon Detection & Control
(Interview with Reporter Editor Pat Everett)

When discussing difficult houses and the value of diagnostic testing – and please don't get me wrong, diagnostic testing is an important step in the mitigation process – I usually use this Pittsburgh house as example of fact that traditional diagnostics do not always provide the answers needed. I would like to say that the success of this mitigation was a result of my brilliance, but the fact is that I was lucky to find out what the problem was.

The Background Story

There's a large builder in our area that does a lot of homes, well over 100 starts per year. They called in their environmental engineering company because on separate occasions two radon contractors had gone to a home the builder had sold and tried to put in systems. The original radon level was 80 pCi/l. The first system installed was not successful. The mitigator switched fans a couple of times, but eventually gave up. The builder then brought in the second mitigator, who did a lot of pressure testing, drilling 8 or 9 holes, and ran pressure field extensions. Where the fan had been located seemed to be working pretty well, so he added another suction point at the back of the house. The numbers came down to about 30 and then stuck there.

I was called in at this point, so I went out, opened points and found porous crushed limestone. I didn't see anything significant – the footprint was not that big, the pressure fields should have been working, and the concrete block foundation was built into hillside. So I put in a Safety Siren to see if there was any unusual movement and

to monitor effectiveness of any work done. Modifications in January produced numbers that ranged from 19 to 24.

The Hidden Elephant

In late January, after a couple of visits, I had a long talk with the homeowner, and when the conversation came around to our backgrounds, he mentioned that he was a civil engineer. My next question was, "You're a civil engineer and you didn't take any pictures while the foundation was being built?"

It turned out that the owner had taken hundreds of photos and he sent me enough to bury me. They say a picture says a thousand words, and these photos were not different. The problem, while not yet solved, was obvious. The elephant was in the room, but we just couldn't see it.

Tracking the Elephant

Here's the back of the house from the outside, with some snow, but no sign of the elephant.



The foundation had been backfilled all the way up to ground level. A trench around the house was filled in with dirt and tamped down, with 6 inches of gravel added on top.

The homeowner's photos now lead us right to the elephant.



What we see in the above photo are the plumbing pipes, with the pipe to the sewer in the upper lefthand corner. The bottom of the opening is at ground level outside. The floor sits on it inside, and this entire section was buried when completed.

Below is a close-up showing where the pipe goes through the wall.



The pipe exits on the outside, with perforated pipe holding it in place. The green pipe comes from the gutters. The white pipe below the green is French drain pipe.



Continued on p. 12

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LEGISLATIVE ROUNDUP



EXISTING, NEW AND PENDING STATE LAWS

Nicole Chazaud

The following states have bills in various stages of review & committee consideration all regarding radon:

- Radon in Natural Gas: NY, DE
- Testing Child Care Facilities: MA, KY, NE, NJ, NY, VA
- Testing Radon in a Real Estate Transaction: KS, NH, NE, ME, SC
- Contractor Proficiency: NH, DC, OR, ME
- Radon in Schools: IA, MA, NY, PA, OR
- Radon and New Construction: IA, NY, NE
- Radon Testing in Residential Homes & Multi Family Dwellings: MN, ME, NE

Summary: 54 bills in 20 states: Delaware (1), District of Columbia (2), Illinois (2), Iowa (9), Kansas (1), Kentucky (1), Massachusetts (1), Maine (5), Minnesota (4), Mississippi (1), Nebraska (2), New Hampshire (2), New Jersey (4), New York (9), Oregon (2), Pennsylvania (4), South Carolina (1), Utah (1), Virginia (1) and Wisconsin (1).

3 Bills Enacted: Maine S.B. 124, Minnesota S.B. 887 and Utah S.B. 109

2 Resolutions Adopted: Pennsylvania H.R. 34 and H.R. 604.

Keep in mind that many of the bills that currently exist are of the weak information-only type, with a radon information statement buried amidst all the other paperwork passed along to the buyer during a real estate transaction. If your state is listed above as having a radon bill and you're not familiar with it, check for details. Even many of the so-called "disclosure" laws are ineffective as currently written.

To follow a Bill's progress in your state you can visit your state's General Court website, enter the bill number, to see where it is in the process. Thanks to Doug Farquhar of the National Conference of State Legislatures we can share a list of 2014 Bills concerning radon laws in our country. Visit AARST.org for more details of Bills in your State.

Get Involved! As AARST members have learned (often the hard way), even when a bill has made it through the legislative process, that doesn't mean that it will be enacted as written.

One recent example is the Maine law requiring radon testing in multifamily buildings. The original bill, which was passed by the legislature and signed by the governor, called for radon testing and *mitigation*. However, at the eleventh hour, just before the law went into effect on March 1, a strong landlord lobby managed to have the law amended to require only testing. The law now says: "If a test of a residential building under this section reveals a level of radon of 4.0 picocuries per liter of air or above, then either the landlord or the tenant may terminate the lease or tenancy at will with a minimum of 30 days' notice." No mitigation is required or even recommended. If a tenant doesn't choose to live with radon and the landlord doesn't choose to mitigate, the tenant's only option is to move.

Keep Track of Proposed Legislation

In Iowa, a school testing and mitigation bill was weakened significantly before it was sent to the governor. The bill now on Gov. Terry Branstad's desk simply requires the state to survey Iowa schools to determine whether they're testing for the presence of radon gas.

In New Hampshire, a proposed bill requiring certification of radon mitigators was saved (for now) by actions taken by AARST members Mike Talotta and Robin Gelinas.

Find out how you can show support for pending Bills. If you are interested in submitting testimony in writing or in person, contact your local legislative representative to inquire to the best way to do this. If you are unsure of how to begin, please contact director@aarst.org.

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Mitigation Challenge

HOUSE FROM HECK (Continued from p. 9)

From the angle in photo 4, we can see the hole in the block wall. Photo 5 shows that, with the blocks in place, the concrete floor sits right on the ledge.



In the next two photos, of the nearly completed basement area, look closely and you'll see that all mortar joints are sealed, but holes are visible below, creating the air pathway up into the walls.



Removing the Elephant

With all these holes in the wall, the big elephant in room is the hole in block wall and the perforated pipe, plus the holes that form a wide open network inside.

The initial radon system was installed in the finished home in about the area seen in the foreground of photo 2 on page 9 that shows the plumbing pipe. The system was pulling air in pretty effectively, but it was coming in through the perforated pipe and then through the hole and the block cores.

By the time I saw this house, there was no way to see the cracks or openings. Fiberglass insulation didn't help to block leakage. Anything coming from under slab and some of the problem area was being addressed.

The solution was to go into the backyard and dig next to where the hole was. We dug about 2 feet and then drilled horizontally. We put in pipe and ran it up, then installed another small fan and exhausted above the roof. The radon level went down to 1.3, as expected. From then on, the readings have continued to range from 1.3 to 1.5.

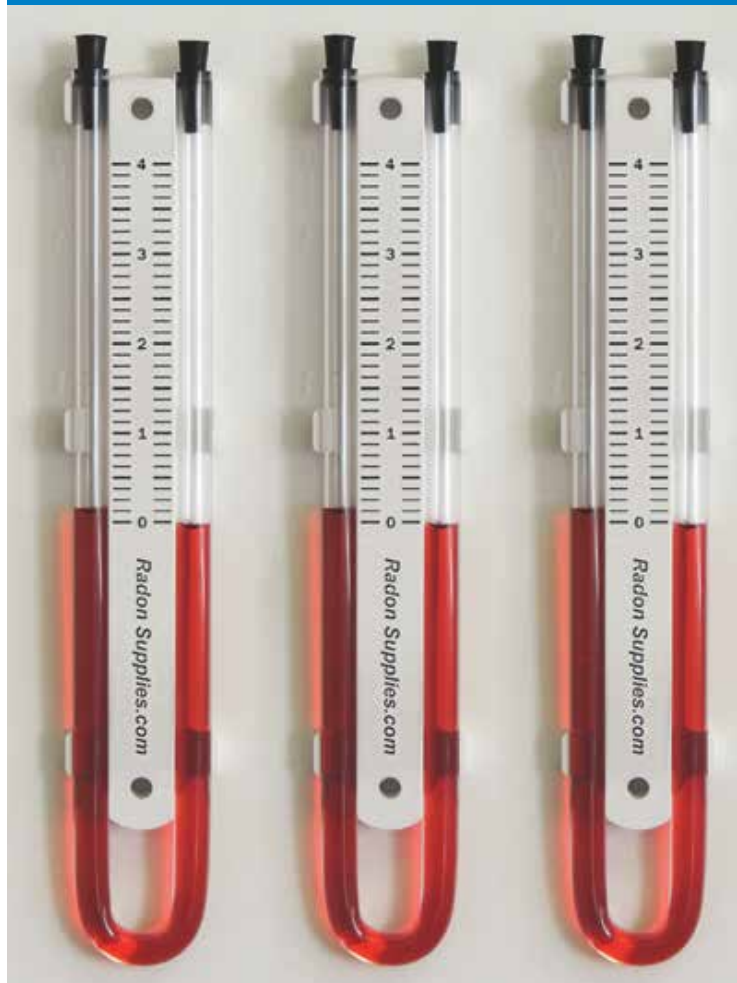
I would love to tell everybody how smart I am, and what a great diagnostician, but without those pictures, that elephant might still be in the room.

John Mallon



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LEAD LEARN MENTOR COMMUNICATE CONTRIBUTE

The AARST 2014 International Radon Symposium welcomes the participation of members of the scientific and medical community, radon testers, diagnosticians, mitigators, educators, public policy leaders and business leaders, as well as consumers.

Just when you think the annual International Radon Symposium can't get any better...it does! Eight years ago, AARST introduced concurrent sessions where symposium registrants could choose to participate in workshops for extra knowledge and CE credits at no additional cost. In addition, Sunday pre-symposium CE courses, for which attendees paid separate fees, were introduced. Then three years ago, the format was formalized into Track I (scientific papers) and Track II (business and practical presentations and workshops). This year's Track II will, at times, offer more than one option under the headings of "Tools" and "Enhanced." Among the options to be offered will be the opportunity to take an exam for your specified add-on certification.

Preliminary Symposium Highlights

Sunday Courses

This year, the Sunday schedule has been expanded to offer not only CE courses to meet your informational and CE needs, but also new courses to prepare interested professionals for new add-on certifications in Multifamily Radon Measurement, Multifamily Radon Mitigation, and RRNC. The other courses currently on the preliminary schedule are: Marketing Against the Big Boys, The Law and Radon Business, The Cost of Radon Business, and QA for Measurement.

Track I (Science)

Those of you in the radon community who thinks that radon research is diminishing should talk to Dr. Jim Burkhart, who has received for review more than 26 scientific abstracts submitted by scientists from eight countries – a new symposium record. As a result, the science track promises to be more enlightening and compelling than ever before.

Track II (Tools & Enhanced)

Tools selections will comprise of marketing, quality assurance, radon insurance, radiation safety, accounting, and diagnostic problems. **Enhanced** will include introductions to vapor intrusion, RRNC and multifamily requirements, HAZWOPPER — and more are being added.

The symposium website, www.internationalradonsymposium.org, will be updated regularly beginning in June. Please check frequently for more details and preliminary program schedule updates.



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ABOUT THE AARST ASSOCIATION



AARST IS THE LEADER in Radon Science, Innovation, and Technology

AARST is the parent organization whose affiliates work intently on the tasks of Professional Credentialing (AARST-NRPP) and creating events such as the annual [International Radon Symposium](#), which provides a forum for radon studies worldwide. AARST develops American National Radon Standards (AARST/ANSI), and assists in programs that enhance radon risk reduction for all communities. AARST supports additional research and standards through [The AARST Foundation](#).

The History of AARST

Since 1986, AARST, the American Association of Radon Scientists and Technologists, Inc., has represented radon professionals, scientists and risk reduction advocates in the United States, Canada, and all around the world.

AARST brings service professionals, scientists, researchers, public officials and consumers together to achieve a mutual goal of reducing the harmful radioactive effects of radon exposure.

The Mission of AARST

AARST is a nonprofit, professional organization of members who are dedicated to the highest standards of excellence and ethical performance of radon measurement, radon mitigation, and transfer of radon information for the benefit of members, consumers and the public at large.

AARST supports and represents radon professionals as they meet the wide range of challenges facing radon risk reduction.

AARST *The leader in radon science, standards, and Radon Risk Reduction*

About our Members

Members are dedicated to reducing radon risk by adhering to AARST standards of excellence and ethical performance, supporting development of professional standards, and expanding radon knowledge and awareness.

AARST Membership allows you to gain updated educational, technical, and professional information that serves to enhance and expand opportunities while promoting professionalism and ethical practices for consumers.

AARST Members enjoy:

- Specialized liability insurance designed specifically for the radon professional
- Membership Toolkit which contains hundreds of dollars worth of free templates, forms, media relations, and marketing tips, and QA plans plus more
- National database listings, networking, and Continuing Education opportunities
- A role in creating American National Standards for radon (ANSI-AARST)

About the AARST 2014 CREDO

Lead – join a standards, technical, or policy committee and become a recognized professional

Learn – practical, applied science, and professional skills through NRPP C.E. and AARST Chapter programs

Mentor – other professionals so that we can grow the profession and the marketplace of radon risk reduction

Communicate – effective information on radon risk reduction

Contribute – your talents and skills to new markets and new opportunities as we work to enhance your credentialing



**Enhance Your Credentialing –
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Established to assist in funding
social justice, radon research
& standards for radon risk reduction



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LEAD  **LEARN**  **MENTOR**  **COMMUNICATE**  **CONTRIBUTE**
September 28 - October 1, 2014 Charleston, South Carolina