

RADON: THE ONLY WAY TO KNOW IS TO TEST!



**Southeastern U.S.
Radon Stakeholders Meeting**

May 2 – 3, 2016 in Murfreesboro, TN

www.tn.gov/environment/article/sp-radon-southeastern-us-radon-stakeholders-meeting

Locations:

May 2- Fleming Training Center

May 3- Embassy Suites- Hilton

Questions? Call 615-532-8739



Monday, May 2, 2016
Training CEs
 Fleming Training Center, 2022 Blanton Dr., Murfreesboro, TN

7:30 am - 8:00 am	Continental Breakfast & Registration
Morning Session	
8:00 am - 9:00 am	Protecting Yourself and Your Clients: A Legal Perspective* - Patrick Zitek
9:00 am - 9:50 am	Developing or Strengthening Radon Quality Assurance Plans Workshop* - Bruce Snead and Bill Angell
9:50 am - 10:00 am	Break
10:00 am - 11:55 am	Developing or Strengthening Radon Quality Assurance Plans Workshop* (continued)
11:55 am - 2:00 pm	Lunch on Your Own, See Program for Options
Afternoon Session	
2:00 pm - 3:00 pm	The New AARST/ANSI Radon Measurement in Homes Standard Overview* (2 CE) - Bill Angell
3:00 pm - 3:50 pm	The New Draft AARST/ANSI Soil Gas Mitigation in Homes Standard* (2 CE) - Bill Angell
3:50 pm - 4:00 pm	Break
4:00 pm - 4:50 pm	Difficult to Mitigate Buildings Competition* – Kyle Hoylman
4:50 to 5:00 pm	Course Exam, Evaluation and Completion Certification
5:00 pm	Adjourn

Training Course Description

This series of fast-paced continuing education courses focus on what you need to know to be successful in the radon profession, either as a business owner or a public health official. The courses have been submitted for approval to the National Radon Proficiency Program (NRPP) for Category One Continuing Education approval.

The **extended morning session** is designed to help you either develop or improve radon measurement or mitigation quality assurance plans (QAP). QAPs are essential elements for customer service and liability protection. This course draws from new requirements evolving as part of the quality assurance plan standard under development by the American Association of Radon Scientists and Technologists (AARST), as well as state requirements. If you do not have a QAP, you will walk out of this session with a solid beginning plan and a clear direction. If you have a QAP, you will gain new components to strengthen your plan. (Cost \$90 or full day \$150)

The **afternoon session** begins with an intense look at what is new in critical AARST national standards for residential radon measurement and soil gas mitigation (radon and chemical vapor). Next, you will participate in a new twist to the popular topic of *Difficult to Mitigate Homes* - but this will be different: you will vote for which of the *Difficult to Mitigate Homes* presentations is the best! We will end the day with a great radon professional who also practices law and will give you practical tips on how to be the best in customer service while reducing exposure to legal issues. (Cost \$70 or full day \$150)

Instructors

- **Bill Angell** is Professor and Director of the Midwest Universities Radon Consortium (MURC) based at the University of Minnesota. Also, he is past President of the American Association of Radon Scientists and Technologists (AARST) and Chair of the World Health Organization's International Radon Project's Prevention and Mitigation Working Group.
- **Kyle Hoylman** co-owns Protect Environmental, a Louisville-based radon and chemical vapor intrusion mitigation company. Also, he is President of Cancer Survivors against Radon (CanSAR) and AARST Board member.
- **Bruce Snead** is MURC's Co-director and Director of Engineering Extension at Kansas State University. Also, he is the Chair of the National Radon Proficiency Program's Policy Advisory Board, and he directs National Radon Program Services in collaboration with U.S. EPA.
- **Patrick Zitek** owns Minneapolis-St. Paul area Minnesota Radon Removal and Zitek Law. He specializes in litigation and arbitration representation in radon vapor intrusion law matters as well as regularly mitigates homes.

Tuesday, May 3, 2016
Stakeholder Meeting Day
Embassy Suites, Murfreesboro, TN

7:30 – 8:00	Continental Breakfast & Registration
8:00 – 8:15	Welcome from Tennessee- Deputy Commissioner Shari Meghreblian, PhD, TN Department of Environment and Conservation
8:15 – 9:00	Dr. R. William Field, PhD, Radon Risk Basics and Outreach to Medical Professionals
9:00 – 9:30	Shawn Price- AARST-NRPP: New Tools and Radon Policies
9:30 – 10:00	Meet the Exhibitors Break – Each exhibitor gives 2 minute update
10:00 – 10:45	Jane Malone-AARST National Policy Director- State Policy Opportunities, National Radon Action Plan, and SIRG Funding Update
10:45 – 11:00	Kyle Hoylman- CanSAR update
11:00 – 11:45	Jane Worrell /Duke Cancer Institute of Wake County & NC Cancer Control and Prevention Subcommittee. Collaborative efforts to meet goals.
11:45 – 1:00	WORKING LUNCH Gloria Linnertz- Putting a Face on Radon (Citizen Advocacy Brings Action) Kyle Hoylman- Protect Environmental -Poster Contest Winner
1:00 – 1:45	Kyle Hoylman/ Protect Environmental & Clark Eldredge/ State of Florida – Mitigation Challenge Case Study in the Southeast- Emanation from Building Materials/Low Ventilation Rates
1:45 – 2:30	Kentucky and Tennessee Partnership- Networking for a Healthier Tomorrow: Cindy Chafin, Vaughn Cassidy, Clay Hardwick, & Kristian Wagner
2:30 – 3:00	Exhibitor Break
3:00 – 4:00	Patrick Zitek – Minnesota Radon Removal/Zitek Law- Learn to be Contract Savvy Workshop- Protect Your Assets and Much More!
4:00 – 4:30	All- State Networking Workshop- Cancer Control Plan Actions
4:30 – 5:00	Summary/Comments & Focus

Key Note Speaker

Dr. R. William Field, Ph.D. is a Professor at the University of Iowa's College of Public Health with joint appointments in the Department of Occupational and Environmental Health and Department of Epidemiology. He directs NIOSH's funded Occupational Epidemiology Training Program as well as NIEHS' funded Environmental Lung Disease Research Cluster, which are both located at the University of Iowa. He has been actively involved in radon research for close to 20 years and just recently completed four years assisting the World Health Organization in their efforts to produce guidance to reduce the global burden of radon-related lung cancer. He also currently serves on the Environmental Protection Agency Science Advisory Board's Radiation Advisory Committee, and was recently appointed by President Obama to the Advisory Board on Radiation and Worker Health, a group that provides advice to the Secretary, Health and Human Services regarding activities under the Energy Employees Occupational Illness Compensation Program Act.



Dr. Field has received numerous honors and awards for his work including the U.S. Environmental Protection Agency's (EPA)/National Environmental Health Association's (NEHA) Individual Achievement Award for Excellence in Radon Risk Reduction, the EPA's Children's Environmental Health Recognition Award, as well as other honorary society, professional association, and university awards.

Dr. Field was one of the 3 final reviewers for the Department of Health and Human Services' toxicological profile for radon. He also presented testimony on radon research needs to the President's Cancer Panel in December 2008. Dr. Field is currently overseeing several large-scale occupational cohort studies involving munitions workers and nuclear bomb assemblers as well as pooled case-control analyses examining the health effects of prolonged radon decay product exposure.

Welcome

Shari Meghreblian, Ph.D. is the Deputy Commissioner Bureau of Environment at the Tennessee Department of Environment and Conservation (TDEC). Shari joined TDEC as Deputy Commissioner on May 2, 2011 to oversee the department's environmental regulatory programs for the protection of Tennessee's air, land and water. During her first year as Deputy Commissioner, Meghreblian was selected as TDEC's representative on Governor Haslam's Top to Bottom Review Committee and also served as TDEC's liaison for the Department of Economic and Community Development's Fast Track Infrastructure Development Program. She was a primary sponsor of TDEC's LEAN process improvement initiative and the governor's Customer Focused Government initiative.

Recognized for her ability to provide strategic insight and analyze processes and procedures to streamline business practices, Dr. Meghreblian has been appointed to several boards and councils supporting three different departments of state government. In 2012, she was appointed by TDOT's Commissioner John Schroer to the Department of Transportation's Environmental Advisory Council which focuses on enhancing TDOT's commitment to protecting Tennessee's natural resources while building, operating and maintaining the state's transportation system. Additionally, Dr. Meghreblian was chosen by TDEC's Commissioner Bob Martineau to serve on the Board of Directors for the West Tennessee River Basin Authority and the Department of Agriculture's Interagency Task Force on Rural Economic Development. Shari was also appointed by Gov. Haslam in Aug. 2015, to serve on his Rural Development Task Force that will bring

resources together from a wide range of organizations to advance rural communities and economic development throughout Tennessee.

In 2013 Shari was selected as the Co-Chair for Tennessee Regions' Roundtable State Advisors Committee for Cumberland Region Tomorrow. Her work with multiple state agencies was recognized in July 2013 by the Environmental Council of States (ECOS) when she was appointed to serve as the new Chair of the ECOS Federal Facilities Forum and was also selected as Co-Chair for Tennessee Region's Roundtable State Advisors Committee. This Federal Facilities Forum provides ECOS leadership for a host of matters including cleanup and oversight of nuclear waste sites and military installations. Shari was most recently recognized as a "Woman of Influence in Public Policy" for 2016 by the Nashville Business Journal.

Meghreblian has more than twenty years of combined experience in private sector manufacturing and environmental management systems. She joined TDEC from General Motors' plant in Spring Hill, Tennessee, where she served as the environmental operations manager since 2005. Prior to that, she worked in various roles at the Spring Hill facility under the Saturn Corporation, including manager of environmental affairs, production operations supervisor and environmental engineer. Recognized in Tennessee and nationally as a successful steward of natural resources through industrial conservation and pollution prevention, Meghreblian's achievements include leading the General Motors' Spring Hill plant to become the first industry in the state to achieve Performer Level status, the highest achievement available in the Tennessee Pollution Prevention Partnership program.

A Kentucky native with roots in family farming, Meghreblian has been active in environmental and business advocacy across Tennessee for more than two decades, holding membership in numerous organizations such as the Tennessee Chamber of Commerce and Industry; Air and Waste Management Association; Tennessee Environmental Council; The Nature Conservancy; and the Harpeth River Watershed Association. Shari holds a Ph.D. in Environmental Management and a master's degree in Engineering from Vanderbilt University, and a bachelor of science in Marketing/Economics from Western Kentucky University.

Presenters

- **Shawn Price** is the Market Development Manager of Spruce Environmental Technologies Inc. and current President of the American Association of Radon Scientists and Technologists (AARST). Current projects include the development of ISO-compliant quality management systems for mitigation operations, market development in chemical vapor intrusion, and working with international radon associations in order to establish a worldwide radon reference comparison

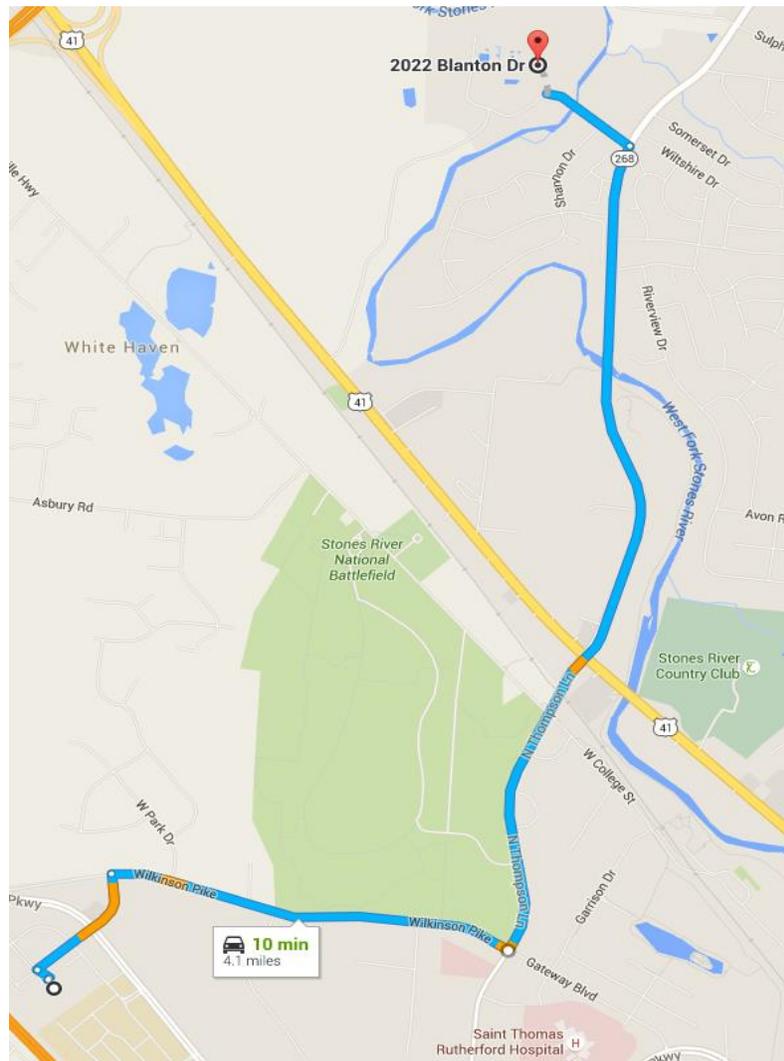
Shawn has been involved in the radon industry for 27 years including nearly a decade with the US EPA Radon Proficiency Programs, 16 years with Air Chek, Inc., and now with Spruce. In addition to these positions, he has been a member of the NRPP Policy Advisory Board since the program's inception in 1998 and has served on many AARST committees and is the Chair of the AARST Consortium's workgroups on radon measurement in homes and in multifamily buildings.

Shawn is also an experienced trainer and has developed various programs for the proper use of test devices, quality assurance, and radon measurement in schools and multifamily buildings.

- **Jane Malone** joined the AARST staff in January 2015 as National Policy Director, following 16 years working with another national organization to advance local and state policy, housing code reform, and Congressional and federal agency progress on healthy housing.
- **Kyle Hoylman** co-owns Protect Environmental, a Louisville-based radon and chemical vapor intrusion mitigation company. Also, he is President of Cancer Survivors against Radon (CanSAR) and AARST Board member.

- **Jane Worrell RN, BS, BSN, MSNc, OCN** is an Oncology Nurse Navigator with the Duke Cancer Institute of Wake County and has worked in oncology nursing for over 9 years. Jane has worked this year along with the NC Advisory Committee on Cancer Coordination and Control, specifically the prevention sub-committee, to develop an action plan to reduce radon exposure. As an oncology nurse always working to treat cancer, she is very excited about the opportunity to work towards the goal of preventing cancer and raising public awareness.
- **Gloria Linnertz** is the President/Founder of Citizens for Radioactive Radon Reduction, an AARST board member-- who has devoted her life to radon education, awareness, and action since the death of her husband due to radon-related lung cancer in February, 2006, and was instrumental in getting the IL Radon Awareness Act passed in 2007.
- **Clark Eldredge** is the environmental administrator for the Florida Department of Health Radon and Indoor Air Program. He is a member of the CRCPD E-25 and SR-R committees, serving since 2007.
- **Cynthia “Cindy” Chafin, M.Ed., MCHES** is the interim director for the Middle Tennessee State University Center for Health and Human Services and works as a public health project director and consultant. Since 2004, one of her roles has been to serve as the Tennessee Cancer Coalition State Coordinator through a contract with MTSU’s Center for Health and Human Services and the Department of Health’s state cancer program. Cindy has contributed towards the development of three state cancer plans and since 2013 has worked with TDEC staff to share radon education activities with healthcare professionals as well as consumers in multiple areas of the state. She is a volunteer of the American Cancer Society and the Tennessee Cancer Consortium along with several other cancer-related and other public health organizations.
- **Vaughn Cassidy** is an Environmental Specialist with the Office of Sustainable Practices in the Tennessee Department of Environment and Conservation. He attended the University of Tennessee at Martin where he received a B.S. in Environmental Biology. He served on the University of Tennessee at Martin Advisory Board from 2001 to 2005 where his role was to strengthen their environmental curriculum. Vaughn assists with the outreach and training components for the Tennessee Radon Program.
- **Clay Hardwick** is the State Radon Program Coordinator. He has coordinated education efforts through a statewide radon coalition of county health departments and university contracts. He is a contributor to the Kentucky Radon Advisory Board and a member of the Kentucky Cancer Consortiums Radon Advisory Team.
- **Kristian Wagner** is the Health Policy Director for the Kentucky Cancer Consortium (CDC funded Policy, Systems and Environmental Change Grant). In this role Kristian coordinates the Policy, Systems and Environmental initiatives of the Kentucky Cancer Consortium. Specifically, Kristian oversees initiatives related to Smoke-free, Obesity and Radon. Kristian received an undergraduate degree in Classical Studies in 1995, an undergraduate degree in Dietetics in 2000 and a Master’s Degree in Nutrition in 2006 all from the University of Kentucky.
- **Patrick Zitek** owns Minneapolis-St. Paul area Minnesota Radon Removal and Zitek Law. He specializes in litigation and arbitration representation in radon vapor intrusion law matters as well as regularly mitigating homes.

Directions to the Fleming Training Center from Embassy Suites Murfreesboro, Tennessee (4.7-miles, ~10 mins.)



From 1200 Conference Center Blvd., Murfreesboro, TN 37129

1. Head northeast on Conference Center Blvd.
2. Turn left to stay on Conference Center Blvd.
3. Turn right onto Greshampark Dr.
4. Turn right onto Wilkinson Pike
5. Turn left onto N Thompson Ln
6. Turn left onto Blanton Dr.

Arrive at 2022 Blanton Drive across bridge on right.

Link to Fleming Training Center:

<https://tn.gov/environment/topic/wr-ftc-fleming-training-center>