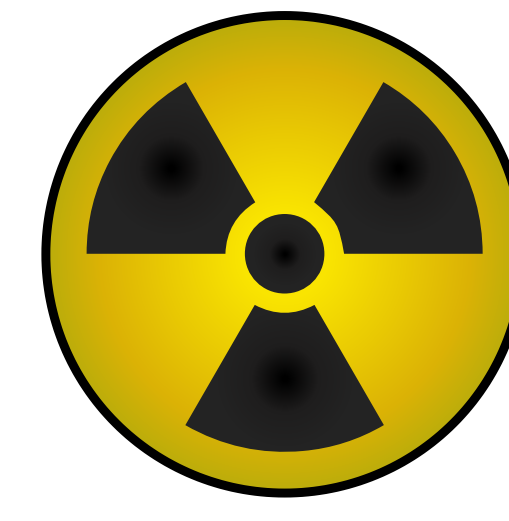
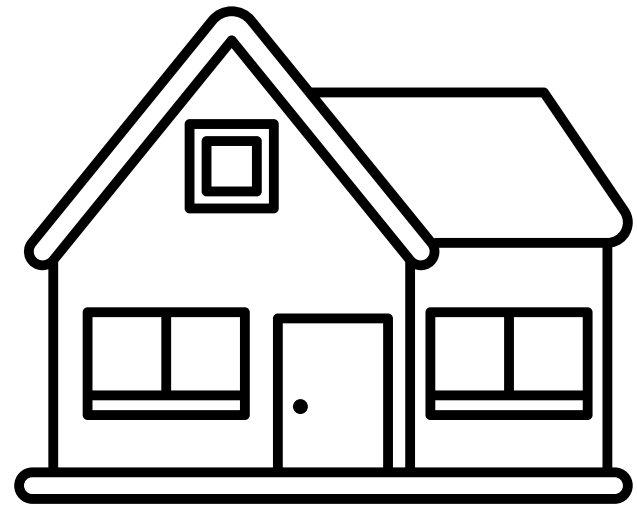


IMPROVING COMMUNITY AWARENESS OF RADON RISK



GAP IDENTIFIED

Excess radon exposure is the second leading cause of lung cancer and the leading cause of lung cancer among non-smokers. Despite this, many Virginians are unaware of the risk posed by elevated radon levels.

CONTRIBUTIONS

- Developed accessible flyers to educate Virginians about radon
- Participated in the Greater Refuge Church Health Equity Fair to improve awareness and build community connections
- Presented to Central Region CHW Alliance about radon
- Researched future improvements to the radon program
- Edited program website
- Created social media posts to encourage radon action

IDEAS FOR FUTURE IMPROVEMENTS

- Require reporting of raw testing data by certified radon professionals
- Update Virginia code to reflect current radon standards
- Require mandatory testing for child-care facilities
- Improve legislation to cover the rights of renters to know their radon risk
- Establish a public mitigation assistance fund for low-income individuals with high radon levels found in their residences

ACKNOWLEDGEMENTS

Thank you to the VDH internship academy for this opportunity. Special thanks to Lea Perlas, Cameron Rose, Kelsey Held, Matt Ettinger, Susan Binkley, Sheila Nelson, Al Perlas, Cynthia Farruggio, and the rest of the Office of Radiological Health.



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B.S. in Health Science
Virginia Commonwealth University '25
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Cohort 2, 2024



OVERVIEW OF EXPERIENCES WITH THE OFFICE OF RADIOLOGICAL HEALTH

- Observed ORH participation in VOPEX (Virginia Operations Plan Exercise) rehearsal and evaluated exercise at the Dominion Energy CERC and State EOC
- Accompanied ORH staff to FBI, army, and fire dept. radiological source detection and field team trainings
- Accompanied ORH inspectors to x-ray and radioactive materials inspections
- Assisted ORH Environmental Division with collection of water, air and OSLD samples at North Anna and Surry Power Stations
- Compiled research with fellow interns & OEMS to inform statewide high school EMT program implementation

