

## Presenters' Biographies



**Dr. Kathleen Nolan** is a pediatrician, President of Physicians for Social Responsibility of New York, co-founder of Concerned Health Professionals of New York and an Ulster County legislator. Dr. Nolan is also Catskill Mountainkeeper's Senior Research Director focusing on issues related to the health impacts of fracking and fossil fuel infrastructure. Dr. Nolan graduated with honors from Saint Louis University with a Medical Degree and has a Masters of Studies in Law from Yale. Dr. Nolan worked at the Hastings Center, writing and teaching on diverse topics in bioethics. In 2003 Kathy became Executive Director of Tibet Aid in Woodstock. In 2011, Dr. Nolan co-founded Concerned Health Professionals of New York, has been serving on the Ulster County Legislature since 2017 and also serves as the President of Physicians for Social Responsibility of New York.



**Arnie Gundersen**, Chief Engineer at Fairewinds Associates, is a nuclear engineer and a former nuclear industry executive with more than 51 years of nuclear industry experience in engineering, operations, and safety analysis. Mr. Gundersen and his wife Maggie, Fairewinds founder, became nuclear whistleblowers in 1990. Fairewinds has written dozens of expert reports for legal cases and non government and nonprofit organizations worldwide. His presentation will focus on the ability of the radioactive treatment system for fuel pool water to remove radioactive isotopes and why it is impossible to remove tritium from fuel pool water by filtration. Mr. Gundersen is also a co-author of three major international peer-reviewed scientific papers documenting the contamination of environments by migrating radioactive microparticles of dust and dirt.



**Mary Olson** is the founder and Director of the Gender and Radiation Impact Project (GRIP). GRIP is dedicated to education and expanding understanding of the disproportionate harm from exposure to ionizing radiation suffered by the biological female body compared to the biological male. Olson made an original, independent finding on gendered differences in cancer rates in 2011 while working as Staff Biologist for Nuclear Information and Resource Service. Olson's training is in evolutionary biology. Her current goal is to spur institutions of excellence to pursue many research questions, not the least being why biological sex is a factor in radiation harm. Olson teaches about radiation impacts online in Short Courses, and, with Cindy Folkers of Beyond Nuclear, heads up the Reference Girl project. She is based in Asheville, NC where she continues to engage with global concerns, including the new Treaty on the Prohibition of Nuclear Weapons. <https://www.genderandradiation.org/>



**Courtney M. Williams, Ph.D.** is the co-founder of the Safe Energy Rights Group (SEnRG) and brings over a decade of experience researching cancer and the molecular mechanisms of disease to parse the emerging data on the health and environmental impacts of energy infrastructure development. She has worked closely with local, state, and Federal officials to educate them on the public health issues surrounding fossil fuel infrastructure and climate change. She currently sits on the City of Peekskill Conservation Advisory Council. Courtney holds a B.S. in Molecular Biochemistry and Biophysics from Yale and a PhD in Molecular Biology from Princeton. She completed her post-doctoral in biological engineering at MIT. She is currently a cancer researcher at a biopharmaceutical company. Courtney is a coordinator with Resist Spectra, a group who push back against the dangerous build out of fracked gas infrastructure in the Hudson Valley. More recently Courtney has been a part of an effort that brings together activists fighting gas infrastructure and those concerned with the risks posed by the Indian Point Nuclear Power Plant. She has made numerous film, television, and radio appearances to discuss issues related to energy infrastructure.