LOCAL ENVIRONMENTAL EXPERT TO DISCUSS DRINKING WATER RESOURCES

LECTURE TO EXAMINE HUMAN INTERACTION WITH WATER SYSTEMS


Rivers teem with fish and plants, offer a space for recreation, and provide the source of the water we drink. Rain water, on its way to rivers, runs across watersheds. Watersheds are land surfaces that house activities such as mining, farming, producing electricity, and building homes. These activities pose a challenge to maintaining high quality water for ecosystems, recreation, and potable water supply. VanBriesen will talk about engineering systems that manage the quality and quantity of water resources. She’ll discuss how the choices people make around energy resources in our watersheds affect the options to treat drinking water.

VanBriesen, who serves on the U.S. Environmental Protection Agency Science Advisory Board, is the Duquesne Light Company Professor of Civil and Environmental Engineering at Carnegie Mellon University. Her research is in environmental systems, including detection of biological agents in water systems and impacts of energy extraction.

She earned her bachelor’s degree in education and her master’s and doctorate degrees in civil engineering from Northwestern University. She is a licensed professional engineer in the state of Delaware and has served on the board of the Association for Environmental Engineering and Science Professors. Earlier this year, VanBriesen was awarded the Environmental Award in the Carnegie Science Awards program for her water quality research.

Admission is free. Food and drinks are available for purchase. Doors open at 6 pm. The evening includes time for informal discussion, eating, and drinking.
For more information and to RSVP, visit CarnegieScienceCenter.org or call 412.237.3400.

About Carnegie Science Center

Carnegie Science Center is dedicated to inspiring learning and curiosity by connecting science and technology with everyday life. By making science both relevant and fun, the Science Center's goal is to increase science literacy in the region and motivate young people to seek careers in science and technology. One of the four Carnegie Museums of Pittsburgh, the Science Center is Pittsburgh’s premier science exploration destination, reaching more than 700,000 people annually through its hands-on exhibits, camps, classes, and off-site education programs.

About Carnegie Museums of Pittsburgh

Founded by Andrew Carnegie 120 years ago, Carnegie Museums of Pittsburgh is a collection of four distinctive museums dedicated to exploration through art and science: Carnegie Museum of Art, Carnegie Museum of Natural History, Carnegie Science Center, and The Andy Warhol Museum. The museums reach more than 1.3 million people a year through exhibitions, educational programs, outreach activities, and special events.

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