

MEDIA ADVISORY

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**Dr. Inez Fung Presents How to Use Atmospheric Data and
Climate Models to Verify Greenhouse Gas Emissions
A talk on Wed., Nov. 6 at 7 p.m., at Berkeley City College Auditorium**

WHAT: The Mathematical Sciences Research Institute (MSRI) and Berkeley City College will host a free public talk on “**Verifying Greenhouse Gas Emissions,**” by Dr. Inez Fung in Berkeley on Wed., Nov. 6 at 7:00 pm. The lecture is part of the “Not on the Test: The Pleasures and Uses of Mathematics” series of lectures sponsored by the Simons Foundation (www.simonsfoundation.org) and co-presented by MSRI and Berkeley City College.

WHO: **Dr. Inez Fung** is a contributing author to the Assessment Reports of the Intergovernmental Panel on Climate Change (IPCC), a scientific body under the auspices of the United Nations, which shared the 2007 Nobel Peace Prize with Vice President Al Gore. Dr. Fung will discuss how we measure and verify claims about emissions related to global warming. Dr. Fung is a professor of atmospheric science in UC Berkeley’s earth and planetary science and environmental science, policy and management departments. She has studied climate change for 20 years and has created mathematical models that represent CO₂ sources and sinks around the globe. Fung’s work in climate modeling shows the co-evolution of CO₂ and climate, and concludes that the diminishing capacities of the land and oceans to store carbon are acting to accelerate global warming.

WHEN: 7:00–8:15 P.M., WED., NOVEMBER 6

WHERE: Berkeley City College’s Auditorium at 2050 Center St. in Berkeley (between Shattuck Ave. & Milvia St., one half block west of the Downtown Berkeley BART station on Shattuck Ave; for a map, see <http://goo.gl/0vJRT>).

WEB PAGE: See <http://tinyurl.com/InezFung>

HOW: Free. Please note that tickets are required for admission, go to <http://inezfung.bpt.me>

SPONSOR: The generous support of the **Simons Foundation** (www.simonsfoundation.org) has made possible the “Not on the Test” MSRI-BCC lecture series.

PHOTO: A photo of Inez Fung is available by request to Anne Pfister at annepf@msri.org

About MSRI: The **Mathematical Sciences Research Institute (MSRI, www.msri.org)**, in Berkeley, California, is one of the world’s preeminent centers for research in the mathematical sciences and has been advancing mathematical research through workshops and conferences since its founding as an independent institute in 1982. Approximately 2,000 mathematicians visit the MSRI each year, and the Institute hosts about 85 leading researchers at any given time for stays of up to one academic year. The Institute has been funded primarily by the National Science Foundation with additional support from other government agencies, private foundations, corporations, individual donors, and nearly 100 academic institutions. The MSRI is involved in K-12 math education through its annual Critical Issues in Mathematics Education conferences for educators, math circles, the National Association for Math Circles and its website (NAMC, www.mathcircles.org), and Olympiad math competitions; in undergraduate education through its MSRI-UP program; and in public education through its “Conversations” series and a variety of public events.



About BCC: Berkeley City College (BCC) (www.berkeleycitycollege.edu), one of California's 112 community colleges, is part of the Peralta Community College District, which includes College of Alameda, Laney College and Merritt College. BCC, which began in 1974, is centrally located in downtown Berkeley, only 1-1/2 blocks from the U.C. Berkeley campus. BCC's mission is to contribute to the success of all students and to the well-being of the community by offering the best possible education which promises intellectual growth, social mobility, economic development and an understanding of diverse ideas and peoples. The college is accredited by the Accrediting Commission for Community and Junior Colleges of the Western Association of Schools and Colleges. BCC offers transfer and occupational training classes, associate degree and certificate programs. The college is an active partner in local economic development and employment training endeavors. Financial aid, academic and career counseling, programs for students with disabilities and assistance for economically disadvantaged students are available. The college maintains a strong and unique community college/university collaboration with the University of California at Berkeley. BCC is second in California in the percentage of students who transfer to U.C. Berkeley and is second in the state in the percentage of students who transfer to all U.C. campuses in Northern California.

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