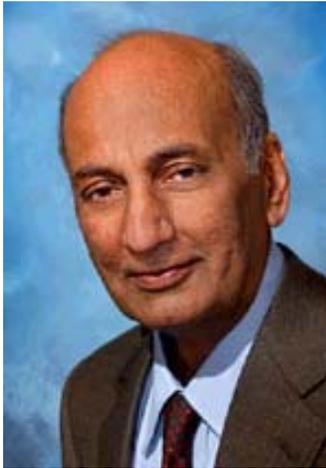




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Praveen Chaudhari Named Director of Brookhaven National Laboratory



Dr. Praveen Chaudhari

- Dr. Praveen Chaudhari has been named the new Director of Brookhaven National Laboratory, effective April 1.
- Dr. Chaudhari, the unanimous choice of Brookhaven Science Associates Board of Directors, joins the Lab after 36 years of distinguished service at IBM as a scientist and senior manager of research.
- Brookhaven Science Associates manages the Laboratory for the Department of Energy, which owns Brookhaven.
- Dr. Raymond Orbach, director of DOE's Office of Science, said, "We are delighted to have Dr. Chaudhari – a top-flight scientist, leader, and research manager – as the new Director at Brookhaven Lab. His scientific leadership and international breadth of experience will shape the Laboratory's future. This is a great choice for Brookhaven Lab, the local community, and the nation."

Carl Safina to Speak on the "History and Destiny of the World Fisheries"

- On Thursday, February 20, at 4 p.m. join us for a free talk by prize-winning author and scientist Dr. Carl Safina, of Amagansett, Long Island.
- Dr. Safina will discuss fish as wildlife and explore the role of overfishing, fishery discards, fish farming, and human-altered habitats in the world's oceans.
- He is the author of more than one hundred publications, including *Song for the Blue Ocean* and *Eye of the Albatross: Visions of Hope and Survival*, books that he will sign after his talk.
- All visitors to the Laboratory age 16 and over must bring a photo ID. For more information about the lecture, call 631 344-2345.



Carl Safina

(over)

Addicts' Brains Must Work Harder to Control Behavior

- A brain-imaging study conducted at Brookhaven revealed that recently abstinent methamphetamine abusers, who reported that they avoided challenging situations, had higher resting metabolic rates in the part of the brain responsible for making decisions and modifying behaviors than those scoring low on avoidance.
- In non-addicted people, there was no significant association between avoiding harm and metabolism in this region of the brain.
- This dysfunction may help explain why addicts often relapse into using drugs again soon after completing drug rehabilitation, when they are no longer monitored by a structured program.

Brookhaven-mentored Students Fare Well in the Intel Science Talent Search

- We were pleased to learn that six semifinalists in the Intel Science Search, Alec Berntson, Ashish Bhatt, Brandon Imber, Tamara Lee, Clara Tow, and Alexei Zaliznyak, were mentored at Brookhaven.
- Brandon was selected as one of the 40 finalists and will compete in Washington, D.C. for the top prize of a \$100,000 scholarship.
- Their projects included developing software code to analyze protein crystals; researching the death of cells, or apoptosis, which has implications for radiation therapy and long-term space travel; studying the redox mechanism in water-soluble tetrazoliums which is important in cell proliferation; focusing on correlation profiles of the Internet; and working on inorganic synthesis to make novel giant polyoxomolybdate-based molecules with special magnetic properties, which may have applications in the medical field.
- Congratulations to all of those who entered the Talent Search!

Long Island Weather of 2002

- The year 2002 was a warm one, with an average temperature of 52.7°F, almost 3 degrees above average. The winter was mild, with only 5.5 inches of snow, the second lowest seasonal snowfall since the Lab started recording weather statistics in 1949. The summer was sunny, and precipitation for the entire year was almost 4 inches above average.
- In contrast to last year's paltry snowfall, the 18 inches of snow recorded so far this winter is slightly above average. More snow than rain is a safe forecast for the coming winter months, since there are still several cold weeks ahead. The Laboratory's meteorologist, Victor Cassella said, "I predict we'll have a wetter and cooler spring than normal."

For more information on these stories. log onto our website at www.bnl.gov

Events Open to the Public

Konevets Quartet, Wednesday, March 5, Noon, Berkner Hall: The Konevets Quartet, founded in 1992 by graduates and students of the St. Petersburg Music Conservatory, is an unaccompanied chamber choir with its own distinctive harmonic sound. Free.

Naomi Niskala, March 19, Noon, Berkner Hall: Niskala is a star pianist whose competition awards include a top prize at the 1993 International Stravinsky Awards Piano Competition and first prize at the 1996 Kingsville International Isabel Scionti Solo Piano Competition.

Due to heightened security, everyone 16 years of age and over entering the Laboratory must have a photo ID.