



HARLEM CHILDREN SOCIETY

*'The purpose of souls is to Assist each other.'*

## The Archie Lacey Lecture & Award

### **The Quest for Excellence: Preparing Minority Students for Twenty-First Century Professions in Science, Technology, and Health—The Archie Lacey Lecture**

**Speaker:** Dr. Sat Bhattacharya,  
Memorial Sloan Kettering Cancer Center,  
Harlem Children Society

**Event:** [Archie Lacey Award and Lecture](#)

**Place:** New York Academy of Sciences

**Address:** 2 East 63rd Street  
Between Madison and 5th Avenues  
New York, NY 10021

**T:** 212.838.0230

**Date:** Friday, Feb 3, 2006

**Time:** 5 PM  
[RSVP](#)

Sponsored by: [Science Education Section of the 'New York Academy of Sciences'](#)

The Science Education section of the 'New York Academy of Sciences' will honor Dr. Sat Bhattacharya for the Harlem Children Society's mentoring program, which he founded in 2000 to open opportunities in science to young people from under-resourced and under-represented communities.

#### **The Archie Lacey Lecture**

In Professor Lacey's memory, the Science Education Section of the 'New York Academy of Sciences' established the Archie Lacey Lecture to recognize a scholar for substantial contributions in the recruitment of minority Americans into the sciences.

Professor Lacey was a science educator and civil rights leader who fought for increased participation of minorities in science. Professor Lacey rose from a segregated childhood in Alabama to earn a degree in chemistry at Howard University. Teaching became his passion and vocation, and he eventually was awarded a full professorship in science education at Lehman College, becoming chair of the department.

Every February (Black History Month) since his death, the New York Academy of Sciences has presented an award in his name to an individual who has contributed to the education and advancement of minority students in science and technology. It's an honor for Dr. Sat to be this year's honoree in recognition of his commitment to research, learning and experimenting with new forms of teaching.

Dr. Bhattacharya selects students who show high motivation, enthusiasm and school performance from under-resourced and underrepresented sections of our society.

Dr. Bhattacharya is a research scientist at Memorial Sloan Kettering Cancer Center. His research involves detection, isolation and characterization of circulating cancer cells in blood, bone marrow and other tissues from cancer patients (breast, prostate, lung, colorectal, thyroid and skin cancers) using cutting edge genetic and other cellular and molecular technologies

Over the past 5 years, Harlem Children's Society has grown exponentially – increasing enrollment from 3 students from 2 high schools guided personally by Dr. Bhattacharya in 2000, to 103 students from 35 schools who are engaged with over 125 mentors in 45 leading institutions in the country in 2005, in an intensive summer (8-12-weeks) and after-school research program.

HCS provides students with a summer stipend of at least \$1500; the students are eligible for \$500 per term stipends to continue their work during the school year.

This academic year, 103 eighth through twelfth graders conduct their own research projects under mentorship of scientists in 35 leading institutions including Sloan Kettering, Rockefeller University, and Columbia University. Students are welcomed into the labs because they enhance the function of the lab.

Public discussion of the students' inquiries is a keystone of the program. Students present their work at twice-a-week meetings of their fellows at Sloan Kettering. In order to impart the responsibility to use science to improve their communities – "to give back to the community" -- the Harlem Children's Society held two science street fairs in Harlem, in October 2004 & 2005. Over 150 young scientists gave poster presentations at 129th & Adam Clayton Powell Boulevard in October 2005.

HCS's rate of success is exemplified in the numbers of former students who have gone on to top colleges and institutions of higher learning like Rutgers, Dartmouth, Penn State, UMDNJ, Swarthmore, Cornell University, St. John's, Steven's Institute of Technology and many others. In addition, Harlem Children Society has been honored for its level of accomplishment with many awards, including, a \$30,000 New York Times Scholarship, Four Year American Chemical Society Scholarships, Jersey Journal Betty Foley Memorial Award, Hudson Regional Health Commission Award, The United States Army, Navy & Air Force Certificate of Achievement Award and 1st place in New Jersey Biomedical Cancer Research Symposium at Rider University.

The class of 2005-06 includes these randomly selected students:

Suraiya Afroz (H.S. for Health Professions & Human Services), "Does Emotional Intelligence affect one's academic and professional success?" -- Anastasia Gangadin (Horace Mann H.S.) "Surface Enhanced Raman Spectroscopy of Histidine on an Electrochemically Prepared Silver Surface" -- Odell La Croix (H.S. of Medical Sciences), "IGT in HIV Infected Drug User" -- Saphir Niakadie (H.S. of Medical Sciences), "Using Western Blot to Determine Mechanisms for the Inhibition of Proliferation of Human Prostate Cancer Cells" -- Shouqian Shi (H.S. for Dual Language and Asian Studies), "The Absorption rate of Ciprofloxacin" -- Natasha Williams (Young Women's Leadership H.S.), "The Chemical Composition Of Westchester Creek Using Solid Phase Micro extraction."

Some HCS students and graduates will attend the Archie Lacey Lecture. We will hear from them about their mentoring experience and how it is shaping their career plans.

Dinner (optional) to follow, by reservation.

### **Directions to the Academy:**

#### **By Bus**

##### **[Download Manhattan Bus Map](#)**

The price of a single ride is \$2.00 (which includes a free transfer -- bus to bus, or bus to train, or train to bus) -- or you may purchase a multiple ride or unlimited ride Metro Card and receive discounted fares. If you do not purchase a Metro Card prior to boarding the bus, you will need exact change to pay the fare.

**From the North:** Fifth Avenue buses M1, 2, 3 or 4 stop at 63rd Street.

**From the South:** Madison Avenue buses M1, 2, 3 or 4 stop at 63rd Street.

**From Queens:** Take the Q32 bus to 57th Street and Madison Avenue. Walk north 5 blocks and take a left onto 63rd Street.

#### **By Subway**

##### **[View Subway Map](#)**

**Closest stops:** N, R, W trains to Fifth Avenue; F train to 63rd Street; 4, 5, 6 trains to 59th Street.