Sloan Awards Are Given to Eight Teachers

By ANDY NEWMAN

Eight city public high school science and math teachers who engage their students with animation, epidemiological studies of the black death, billiards and field trips to waterways clean and befouled are to receive Sloan Awards for Excellence in Teaching Science & Mathematics today.

The awards, to be handed out at a ceremony later this afternoon at Cooper Union, are presented annually by the Fund for the City of New York and sponsored by the Alfred P. Sloan Foundation. Each comes with a $5,000 prize. This year’s recipients are:

- Roy Arezzo and Ann Fraioli of the Urban Assembly New York Harbor School on Governors Island. The teachers took students on explorations of the Hudson, Harlem Bronx and East Rivers, the Gowanus Canal and various marshlands and estuaries.

- Pauline Baratta of Aviation High School in Queens. Ms. Baratta, a math teacher at Aviation for 34 years, uses animation, billiards and other attention-grabbing props to engage her students.

- Lisa M. Cover of Morris Academy for Collaborative Studies in the Bronx. A Peace Corps veteran and a civil engineer, Ms. Cover teaches personal finance and geometry to a low-income and often low-achieving population.

- Sabaa Zickria-Daly of Queens High School of Teaching. Whether using math to explain global warming or to solve crime, Ms. Zickria-Daly inspires her students to be passionate about learning.

- Patrick Honner of Brooklyn Technical High School. The recipient of two master teaching fellowships, Mr. Honner coaches the school’s math team and has created a blog to spark broader student interest in math.

- Kara Bristow MacDevitt of International High School at Lafayette in Brooklyn. Teaching earth science to recent immigrants who speak Chinese, Russian, Urdu and other languages, Ms. MacDevitt’s seniors boast a 90 percent passing rate on the Living Environment Regents exam.

- David Scheiman of the High School for Math, Science and Engineering at City College. An accomplished jazz musician, Mr. Scheiman wins fans in the classroom for his creative approaches to algebra, advanced calculus and pre-sequential math.