



Manhattan Borough President Scott M. Stringer

**Educational Green Roofs
Construction & Curriculum Considerations for
NYC Public Schools**

**Tuesday, December 7, 2010
PS 41 – The Greenwich Village School**

Program

Welcome
Kelly Shannon
Principal PS 41

Opening Remarks
Scott M. Stringer
Manhattan Borough President

Introduction of Panelists
Susannah Vickers
Director of Budget & Grants
Office of Manhattan Borough President Scott M. Stringer

Panel I School Green Roof Projects and City Requirements

Earth School
Michael Arad

PS 41
Chris Hayes

Alfred E. Smith School
Nathaniel Thayer Wight, Marrylinn Hernandez & Daniel Torres

PS 6
Marcia Dickstein Sudolsky & Debbie Teitelbaum

Salk School of Science
Fiodhna O'Grady

NYC School Construction Authority
Michael Mirisola

Panel II What is a Green Roof? Opportunities for Curricular Tie-in

NYC Department of Parks & Recreation
Artie Rollins & John Robilotti

PS 41
Vicki Sando

Earth School
Abbe Futterman

PS 333
Sidsel Robards, Manuela Zamora & Nancy Easton

Moderated Discussion and Q & A

Special thanks to: Downtown Community Television, Lyndell Brookhouse-Gil and everyone at PS 41 – Principal Kelly Shannon, Andrew Machado and Igor Ioustous.

Participant Bios

Michael Arad

Michael Arad joined Handel Architects as a Partner in April of 2004. His design for the World Trade Center Site Memorial, "Reflecting Absence," was chosen by the Lower Manhattan Development Corporation in January 2004. In 2006, Mr. Arad was one of six recipients of the American Institute of Architects' Young Architects Award.

Nancy Easton

Nancy Easton is the founder and executive director of Wellness in the Schools, a non profit organization designed to inspire healthy eating, environmental awareness and fitness as a way of life for NYC public school kids. She is a parent at PS 333, a board member of New York Sun Works and was instrumental in bringing the Sun Works Environmental Science Lab to PS 333.

Abbe Futterman

Abbe Futterman is one of the founding teachers of The Earth School (PS 364) where she currently teaches elementary science and runs the school's edibles garden. She is a proud member of the steering committee for The Fifth Street Farm, the future rooftop garden at The Robert Simon Complex. Abbe also occasionally teaches science to grown ups at Bank Street College, Pace University, and the United Federation of Teachers (UFT).

Christopher Hayes

As a consultant, and Communications and Development Director, on The GELL Project @ PS41, Mr. Hayes has over twenty years experience in corporate and nonprofit media, marketing, fundraising and project management.

Marrylenn Hernandez

Marrylenn Hernandez studies architectural drafting as a senior at Alfred E. Smith Career & Technical Education High School. Marrylenn has been involved in the green roof project for several years and plans on pursuing a career in architecture upon graduation.

Michael Mirisola

Mike Mirisola is the NYC School Construction Authority's Project Support Manager for Manhattan. His duties include interfacing with schools, community leaders, elected officials and construction professionals to assist them in translating and navigating the complex world of school construction. He assists in guiding projects from scope through design finalization.

Fiodhna O'Grady

Fiodhna O'Grady has 20 years experience as a fundraising, government relations and community organizing consultant with public schools, the Sauer Park capital campaign, The River Project and Loisaída Youth Soccer. She currently works with The Samaritans of New York.

Artie Rollins

Artie Rollins is the Chief of Technical Service for the NYC Department of Parks and Recreation and has a Bachelor in Mechanical Engineering from NYIT. He started the installation of the Parks Department Green Roof program in 2007 which has completed 37,000 square feet of green roof space and 200,000 square feet of white roofs.

John Robilotti

John Robilotti is a Senior Project Manager at the NYC Department of Parks and Recreation, where he has held various Design and Construction positions over his 32 years. He holds degrees in Landscape Architecture and Civil Engineering and was responsible for implementing the Parks Department Green Roof Systems at Randalls Island 5 Borough Complex as well as overseeing the installation of "white" roofs citywide.

Vicki Sando

While a parent at PS 41, Vicki Sando founded their school garden program in 2003 and The GELL Project in 2006. Currently, she is on staff at the school as the Environmental Science Program Developer.

Marcia Dickstein Sudolsky

Marcia Dickstein Sudolsky is President of the PS 6 Alumni Foundation, Co-Chair of the PS 6 Eric Dutt Eco-center Development Committee and a parent of a 4th grader and 8th grade graduate of PS 6. She is President and Owner of MDS Consulting, LLC, a political consulting fundraising firm.

Sidse! Robards and Manuela Zamora

Sidse! Robards and Manuela Zamora are co-founders of The Greenhouse Project at PS 333, a pilot program designed to experience science through interactive technologies such as hydroponics urban farming, solar panels, rainwater catchment systems, weather stations, and worm composting. Sidse! and Manuela are currently board members of New York Sun Works and actively work to promote urban sustainability through science education in NYC public schools.

Debbie Teitelbaum

A former television commercial producer, Debbie has put her budgeting and production skills to use by working on a variety of capital and PTA projects at PS 6. Debbie also currently serves on the education committee and co-chairs the environment and sanitation committee of Community Board 8. Debbie's two daughters are in the fifth and eighth grade at PS 6 and the Salk School of Science.

Daniel Torres

Daniel Torres is a junior who studies plumbing at Alfred E. Smith Career & Technical Education High School. After school Daniel works in a plumbing supply store, and in his free time he is working on designing a rainwater harvesting system for AES' green roof.

Nathaniel Wight

Nathaniel Wight is a literacy teacher at Alfred E. Smith (AES) Career & Technical Education High School in the Bronx, who worked with Sustainable South Bronx to coordinate the installation of a green roof at AES. Nathaniel runs an after school Green Science Club that uses the green roof as a venue to study environmentally sustainable practices, and he is currently working with teachers to develop an integrated curriculum that will utilize the green roof in the CTE and content area classes.