

NEW YORK CITY GLOBAL PARTNERS
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URBAN EDUCATION: INNOVATIONS IN K-12

Thursday, November 18, 2010

co-sponsored by

Columbia University in the City of New York

PROGRAM SUMMARY

As leaders of the world's great cities confront the challenges of the twenty-first century, improving their long neglected public education systems is now among their highest policy priorities. This international summit focuses on how global cities are transforming urban education systems, changing the management of schools, improving teaching and learning in the classroom, and using technology to educate diverse and growing populations that can compete in the new economy. Successful global cities are innovating to bring accountability and high standards into public education. They are confronting the challenges of low performing schools by offering their principals autonomy and building accountability around high expectations and high performance standards. Improving K-12 public education requires ground-breaking ideas and choices for parents and students. Students have diverse linguistic, cultural, social, and economic backgrounds, and new curricula are being designed that focus on the unique educational needs of these populations. This international summit will showcase successful initiatives from New York City and cities around the globe that are taking the lead to meet these challenges by implementing inventive solutions to our public education crisis.

New York City Global Partners, Inc., is pleased to convene this international summit that brings together governmental leaders and policy professionals from twenty-six cities in eighteen nations. Participants represent Antwerp, Bogotá, Buenos Aires, Chicago, Delhi, Edinburgh, Edmonton, Helsinki, Hong Kong, Jerusalem, London, Luxembourg, Manila, Mexico City, Montréal, New York City, Québec City, Rio de Janeiro, Rome, São Paulo, Shanghai, Singapore, Taipei, Tel Aviv, Toronto, and Tokyo. New York City Mayor Michael R. Bloomberg and leaders from Delhi, Helsinki, Jerusalem, Rio de Janeiro, Shanghai, Singapore, and Toronto will discuss programmatic solutions and reform strategies to improve urban school systems. Today's events are part of a three-day program between New York City leaders and their counterparts from around the world. This summit was developed in cooperation with the New York City Department of Education.

PROGRAM SUPPORT

New York City Global Partners summit events at Columbia University are generously sponsored by Pearson. We gratefully acknowledge additional support for other summit events from Bank of America and the Mayor's Fund to Advance New York City.

New York City Global Partners programming is generously supported by Morgan Stanley, William von Mueffling, Macys, Inc., Guardian Life Insurance, Albert Kunstadter Family Foundation, Luis Canela, Verizon Foundation, Karl M. von der Heyden, David and Barbara Zalaznick, PricewaterhouseCoopers LLP, Newmark Knight Frank, Ceramic Artist Friendship Association, and Frank Wisner. In-kind support to New York City Global Partners is provided by Geller and Company and the City of New York.

Urban Education Summit: Innovations in K-12

THURSDAY, NOVEMBER 18, 2010

8:30 a.m.

Welcome Remarks

Lee C. Bollinger, President, Columbia University in the City of New York
Meyer Feldberg, President, New York City Global Partners, Inc.

Keynote Address

Michael R. Bloomberg, Mayor, City of New York

9:30 a.m.

Break

9:45 a.m.

Panel Discussion: Reforming School Systems in Global Cities

Questions and answers to follow

Claudia Costin, Secretary of Education, Rio de Janeiro
Johan Aura, Director at the Finnish Board of Education, Helsinki
Mamta Agarwal, Director, Department of Education, New Delhi Municipal Council
Yin Houqing, Deputy Director General, Shanghai Municipal Education
Commission

Moderator:

Ester R. Fuchs, Professor of Public Affairs and Political Science, Columbia
University in the City of New York

10:45 a.m.

Break

11:00 a.m.

Panel Discussion: Innovative Approaches to Teaching and Learning

Questions and answers to follow

Eric Nadelstern, Deputy Chancellor, Division of School Support and Instruction,
New York City Department of Education
Danny Bar-Giora, Head of the Jerusalem Education Authority

Sin Kim Ho, Deputy Director, Educational Technology Division, Ministry of Education, Singapore
Chris Spence, Director of Education, Toronto District School Board

Moderator:

Ester R. Fuchs, Professor of Public Affairs and Political Science, Columbia University in the City of New York

12:00 noon [Break](#)

The following sessions are limited to official delegates and other invited guests.

12:30 p.m. [Welcome](#)

Marjorie B. Tiven, Commissioner, New York City Commission for the United Nations Consular Corps & Protocol, and Treasurer, New York City Global Partners, Inc.

[Luncheon Address](#)

Joel I. Klein, Chancellor, New York City Department of Education

2:00 p.m. [Break](#)

2:15 p.m. [Concurrent Delegate Workshops](#)

[Technical Assistance Workshop A: Accountability and Measuring Student Performance](#)

Jennifer Bell-Ellwanger, Executive Director, Research and Policy Support Group, Division of Performance and Accountability, New York City Department of Education

Kathryn Brohawn, Director of Research and Evaluation, Research and Policy Support Group, Division of Performance and Accountability, New York City Department of Education

Facilitator:

Jeffrey R. Henig, Professor of Political Science and Education, Teachers College, Columbia University in the City of New York

or

[Workshop B: Case Studies in the Turnaround of Low-Performing Schools](#)

Marc Sternberg, Deputy Chancellor, Division of Portfolio Planning, New York City
Department of Education

Alex Shub, Executive Director of School Development, Division of Portfolio
Planning, New York City Department of Education

Facilitator:

Dorian T. Warren, Assistant Professor, Department of Political Science and the
School of International and Public Affairs, Columbia University in the City of
New York

Commentator:

Alexandre Schneider, Secretary of Education, São Paulo

3:25 p.m.

[Break](#)

3:35 p.m.

[Concurrent Delegate Workshops](#)

[Workshop C: Educational Innovation to Improve College and Career
Readiness](#)

Arthur VanderVeen, CEO, Office of Innovation, New York City Department of
Education

Alisa Berger, Co-Principal, New York City iSchool

Anna Goldman, Third Grade Teacher, P.S. 154, Harriet Tubman Learning Center,
New York City

Facilitator:

Jeffrey R. Henig, Professor of Political Science and Education, Teachers College,
Columbia University in the City of New York

Commentator:

Laura Marsilio, Commissioner for Education, Family, and Youth, Rome

or

[Technical Assistance Workshop D: Curriculum Standards and International Benchmarking](#)

Kelly Burling, Senior Research Scientist, Assessment and Information Group, Pearson

David Albury, Design and Development Director, Global Education Leaders Program, and Director, Innovation Unit, London

Facilitator:

Dorian T. Warren, Assistant Professor, Department of Political Science and the School of International and Public Affairs, Columbia University in the City of New York

4:45 p.m.

[Break](#)

5:00 p.m.

[Review and Analysis](#)

Michele Cahill, Vice President, National Programs and Program Director, Urban Education, Carnegie Corporation of New York

5:30 p.m.

[Program ends](#)

A reception and dinner at Gracie Mansion follow the formal program.

LEE C. BOLLINGER



Lee C. Bollinger became the nineteenth president of Columbia University in 2002, after serving as president of the University of Michigan. One of the country's leading First Amendment scholars, he has taught and written on freedom of speech and the press for more than thirty years. President Bollinger currently is a member of the Columbia Law School faculty, where this fall he teaches a course, "A Free Press for a Global Society," focused on issues he addresses in his most recent work, *Uninhibited, Robust, and Wide-Open: A Free Press for a New Century*.

Among his many academic and professional associations, President Bollinger serves as deputy chair of the Board of the Federal Reserve Bank of New York, as a director of the Washington Post Company, and as a member of the Pulitzer Prize Board. He is a fellow of both the American Academy of Arts and Sciences and the American Philosophical Society.

In recognition of his pivotal role in the twin 2003 Supreme Court case decisions that clarified and upheld affirmative action in higher education, President Bollinger received the National Humanitarian Award, the NAACP's National Equal Justice Award, and the Clark Kerr Award—the highest honor conferred by the faculty of the University of California, Berkeley. Additionally, he has received numerous honorary degrees from universities in the United States and abroad.

MEYER FELDBERG



Professor Meyer Feldberg is senior advisor at Morgan Stanley and professor and dean emeritus at Columbia Business School. He also serves as president of New York City Global Partners, Inc. Professor Feldberg's career has included leadership positions in the business schools of the University of Cape Town and Northwestern, and Tulane Universities. He was president of Illinois Institute of Technology from 1986 to 1989. He served as dean of Columbia Business School for fifteen years and currently serves as dean emeritus and professor of leadership and ethics.

Professor Feldberg has been a visiting professor at MIT, Cranfield, and Insead. He serves on the Advisory Board of the British American Business Council and on the Board of the New York City Ballet, and has served on the Council of Competitiveness in Washington, D.C. In 2001 the International Center in New York honored South African born Professor Feldberg as a distinguished foreign-born American who has made a significant contribution to American life. In 2007 Mayor Michael R. Bloomberg appointed him president of New York City Global Partners, Inc.

He is a director of Macy's, Inc., Revlon, Inc., Primedia, Inc., UBS Funds, and Sappi Limited. Professor Feldberg was a world-ranked swimmer in the 1950s and 1960s, and competed in the Empire Games, the Maccabi Games, and the World Student Games. He received his BA at the University of Witwatersrand, his MBA at Columbia University, and his PhD at the University of Cape Town. He is married to the artist Barbara Feldberg and has two children and six grandchildren.

MICHAEL R. BLOOMBERG



Michael R. Bloomberg is the 108th mayor of the City of New York. He began his career in 1966 at Salomon Brothers, and after being let go in 1981, he began Bloomberg LP, a global media company that today has more than 285,000 subscribers to its financial news and information service in more than 160 countries.

As his company grew, Michael Bloomberg started directing more of his attention to philanthropy. He has sat on the boards of numerous charitable institutions, including Johns Hopkins University, where he helped build the Bloomberg School of Public Health into one of the world's leading institutions of public health research and training.

In 2001, he beat the odds to become mayor of the City of New York. In office, Mayor Bloomberg has cut crime more than 30 percent and created jobs by attracting new investment and supporting small business growth. He implemented ambitious public health strategies, including the ban on smoking in restaurants and bars, and expanded support for arts and cultural organizations. His education reforms have driven graduation rates up by more than 20 percent.

When the 2008 financial crisis hit, the mayor's policies helped New York City avoid the level of job losses that many experts had forecast and that other cities experienced. And over the past year, New York City has accounted for 10 percent of the nation's job growth. Michael Bloomberg attended Johns Hopkins University and received an MBA from Harvard Business School. He is the father of two daughters, Emma and Georgina.

ESTER R. FUCHS

Ester R. Fuchs is professor of public affairs and political science, and director of the Urban Policy Program at Columbia University. She served as special advisor to the mayor for governance and strategic planning under New York City Mayor Michael R. Bloomberg from 2001 to 2005. Dr. Fuchs was chair of the Urban Studies Program at Barnard and Columbia Colleges and founding director of the Columbia University Center for Urban Research and Policy. Dr. Fuchs was the first woman to serve as chair of the NYC Charter Revision Commission in 2005.

She currently serves on the NYC Mayor's Sustainability Advisory Board, NYC Economic Opportunity Commission, the NYC Workforce Investment Board, the NYC Commission on Women's Issues, and the Advisory Board for NYC's Out-of-School Time Initiative. She is appointed to the Committee on Economic Inclusion of the Federal Deposit Insurance Corporation (FDIC) and is a member of the boards of the Fund for the City of New York, the Citizens Union, the Museum at Eldridge Street, the Jewish Community Relations Council, and the International Board of the Hebrew University Rothberg School.

Dr. Fuchs recently completed *Innovations in City Government: The Case of New York City's Workforce Development System* for Columbia University's Case Study Series in Global Public Policy and is the author of *Mayors and Money: Fiscal Policy in New York and Chicago*. She is a frequent political commentator in print, broadcast, and new media. She received a BA from Queens College, CUNY; an MA from Brown University; and a PhD in political science from The University of Chicago.

CLAUDIA COSTIN

Claudia Costin, a specialist in public policy, education, and poverty alleviation, has extensive academic and technical experience, and has served in many management roles in governments and NGOs in Brazil and other nations. She is presently the secretary for education of the municipality of Rio de Janeiro. She was federal minister of state for administration and state reform, secretary of planning and evaluation of the Ministry of Finance, and deputy secretary for pension funds in the Ministry of Social Security. In the government of São Paulo, she held the position of state secretary of culture. She was also executive vice president of the Victor Civita Foundation, an organization devoted to the improvement of the quality of public education in Brazil.

After leaving her position as federal minister, she was appointed as sector manager for public policy and poverty alleviation in Latin America at the World Bank, where she coordinated projects in Guatemala, Argentina, Dominican Republic, Brazil, Peru, and Chile. She has also worked as an international consultant for Angola and Cape Verde.

She studied public administration at Getulio Vargas Foundation in São Paulo, where she also obtained a master's degree in economics and the credits for a PhD in management. She has also attended courses at Harvard and Georgetown University.

She has been a professor at several universities, including UNICAMP, the Getulio Vargas Foundation, University of Taubaté, FIA-USP, and the University of Québec, as a visiting professor from 2007 to 2008. She teaches today in IBMEC-SP, Department of Economics.

JOHAN AURA

Johan Aura is director at the Finnish National Board of Education (FNBE), the national agency subordinate to the Ministry of Education of Finland. He is responsible for the Swedish Education Sector (Finland has two official languages, Swedish and Finnish). He has a background as an elementary school teacher in all subjects and high school teacher in physical education (master in pedagogy). He has also worked as a principal for six years and a superintendent for three years.

At the Finnish Board of Education he is responsible for the development of education in the Swedish-speaking schools in Finland, all through preprimary and basic education, general upper secondary education, vocational education and training, formal adult education and training, liberal adult education, and basic education in the arts.

The Swedish Education Sector evaluates learning results and improves the efficiency of training in the Swedish-speaking schools. It also coordinates information networks and services in the education sector, produces indicator data and information for anticipating educational needs, maintains the financing system for the education sector, and publishes training guides. It is responsible for drawing up the national core curricula for basic and general upper secondary education and the framework for vocational qualifications and competence-based qualifications in the Swedish-speaking schools.

MAMTA R. AGARWAL

Mamta Rani Agarwal has served as the director of education at the New Delhi Municipal Council (NDMC) since May 2008. The NDMC is charged with providing primary education within New Delhi. In order to maintain the continuity of education, schools under NDMC's jurisdiction have been upgraded to include senior secondary level (grade 12).

Initiatives under her leadership include the development of system-wide processes for academic and administrative bodies to improve efficiency following external evaluation of the public education system; establishment of public-private partnerships to promote the use of technology in classrooms; creation of a centralized monitoring and control system for all schools; development of a pilot program with UNICEF to improve school-building infrastructures and facilities; and the launch of the LAKSHYA initiative to support public school students competing with students of leading private schools seeking admission in premier technical, medical, commerce, and humanity institutions.

Ms. Agarwal was previously the deputy director of the National Institute of Open Schooling, the largest open school in the world. As deputy director, she granted accreditation to institutions and monitored the admissions process through Accredited Institutions and Accredited Vocational Institutions. She also served as a registrar at Guru Gobind Singh Indraprastha University. Ms. Argarwal served as a flight lieutenant in the Indian Air Force from 1995 to 2001. She received her Master of Science in organic chemistry from Osmania University.

YIN HOUQING

Yin Houqing has worked as an educational administrator in Shanghai since 1980. He has held various positions in the Shanghai Municipal Education Commission, including his current position as deputy director general. Mr. Yin has worked in the divisions for basic education and social development for the Pudong New Area of Shanghai.

He currently serves as a national school inspector and is a member of an expert group on curriculum reform for the Ministry of Education. He is vice chairman of the Shanghai Educational Council and holds professorships at East China Normal University and Shanghai Normal University.

Formerly a high school senior teacher, he studied Chinese language and education management at the College of Educational Management at East China Normal University and holds a bachelor's degree and a graduate degree in Chinese language.

ERIC NADELSTERN

Eric Nadelstern is the deputy chancellor of the Division of School Support and Instruction for the New York City Department of Education, overseeing instructional and operational support to the city's 1,500 schools. Mr. Nadelstern has also served the New York City public schools as chief schools officer of the Division of School Support; chief executive officer for Empowerment Schools, a citywide district reform initiative serving 500 schools that have accepted performance contracting in return for major decision-making authority; supervising superintendent for the Autonomy Zone; chief academic officer for new schools; senior instructional superintendent for school improvement and restructuring; deputy regional superintendent for Region 2 in the East Bronx; and deputy superintendent for new and small Bronx high schools.

As founding principal of the International High School at LaGuardia Community College, he created an innovative public secondary school for English language learners that has been widely replicated throughout the city and around the country.

During his tenure with the New York City schools, Mr. Nadelstern served in institute leadership roles at New Visions for Public Schools, Stanford University, Teachers College at Columbia University, and Bank Street College of Education. Mr. Nadelstern has been recognized for his contributions in the classroom by the New York City schools, the Angelo Patri School Award for School-Based Management, the Anti-Defamation League, and the International Partnership Award.

Mr. Nadelstern has been the author and the subject of numerous articles and interviews on his recent work creating a critical mass of new small schools to increase student performance, establishing school-based autonomy as a school district reform strategy to foster greater accountability for student achievement results, and reforming central office operations in the largest school district in the nation.

DANNY BAR-GIORA

Danny Bar-Giora is head of the Jerusalem Education Authority, with oversight over the city's Ultra-Orthodox education, Arab education in east Jerusalem, the advancement of children at risk, and several other municipal agencies.

Prior to his current position, Mr. Bar-Giora served as head of the implementation of New Horizon—a reform in the Israeli educational system initiated by former Education Minister Yuli Tamir. This task entailed coordinating all ministry departments involved with the reform.

Mr. Bar-Giora graduated from the Mandel School for Educational Leadership and later served as principal of the Charles E. Smith Jerusalem School of Arts for eleven years. In this capacity, he was awarded the Minister of Education Prize for a model he developed to include special needs students in an art school. He was also one of the founders of the Bilingual (Arabic and Hebrew) School in Jerusalem.

He holds BA and MA degrees in math and computer sciences from the Hebrew University of Jerusalem. After being released from his five-year service in the Israeli Air Force, Mr. Bar-Giora worked in the high-tech industry for several years and made a choice to enter the world of education, at first as a math and science teacher.

SIN KIM HO

Mr. Kim Ho Sin is deputy director of the Educational Technology Division in the Ministry of Education for Singapore, overseeing a team that provides consultancy services to all 355 Singapore schools in planning and implementing technology use for teaching and learning. His team also oversees professional development activities related to educational technology for teachers, heads of departments, and school leaders. Mr. Sin also takes charge of promoting and implementing cyber wellness programs in Singapore schools.

During his career with the ministry, he took on roles as a secondary school teacher, a physics lecturer in junior college (equivalent of senior high in the United States), then as vice-principal of Pasir Ris Secondary School before taking the helm as principal of Greenview Secondary School in 2004. His experience also includes posting to headquarters as business process re-engineering consultant for various workflow between different divisions within the ministry.

He serves as chairman of the Governing Board for Innotech, the South-East Asian Regional Center for Education Innovation and Technology based in the Philippines. Mr. Sin enjoys photography as a hobby, especially taking macros of insects and spiders. He is a tech junkie who loves to ponder the impact of technology on people and society.

CHRIS SPENCE

Dr. Christopher Spence is a renowned educator and dedicated community advocate. He took on his most recent role as the director of education for the Toronto District School Board on July 1, 2009.

Dr. Spence has more than fifteen years senior administration and teaching experience and has authored several books. He has been widely recognized for his leadership work within the broader educational community to manage issues, develop policy, and promote causes that benefit students. He played a significant role in the development of a number of successful initiatives, including Boys 2 Men, Project G.O. (Girls Only), and the Read to Succeed Program, which motivates and teaches boys to read. The success of these programs was featured in a documentary about his life, *Person to Person*, and in an article in the *Reader's Digest* titled "Man on a Mission."

Dr. Spence has won many awards for his outstanding contributions to education and the community, including Outstanding Alumni Award from Simon Fraser University, Positive Impact Award, and Canadian Black Achievement Award for Professional Achievement and Community Leadership. He was recognized by the city of Toronto for best practices in education and by the community group Why We Are Here for outstanding educational contributions. Dr. Spence also has five film credits to his name. He is a former Canadian Football League athlete and is married with two young children.

MARJORIE B. TIVEN

Marjorie B. Tiven has served as commissioner of the New York City Commission for the United Nations Consular Corps & Protocol (UNCCCP) since February 2002. Part of the Mayor's Office, UNCCCP is the liaison between city government and the diplomatic community, including relations with the U.S. State Department, the United Nations, 192 permanent missions to the United Nations, and 111 consulates. As commissioner, she negotiates for the City on substantial issues with foreign governments, the United Nations, and the U.S. Mission to the United Nations in order to reconcile national and local perspectives. She supervises the Commission's Division of International Business, which helps foreign companies interested in operating in New York City. As chief of protocol, she is the official liaison with foreign governments for courtesy visits with the mayor.

As commissioner, she is a board member and treasurer of NYC Global Partners, Inc., the Mayor's Office organization that interacts with global cities around the world, and of the United Nations Development Corporation. She also serves as the mayor's official representative on the New York Public Library Board of Trustees. A graduate of Antioch College and Columbia University's School of Social Work, she is a member of the Council on Foreign Relations.

JOEL I. KLEIN



Joel I. Klein is chancellor of the New York City Department of Education. As chancellor, Mr. Klein oversees a system of almost 1,700 schools with 1.1 million students, 136,000 employees, and a \$22 billion budget. He launched Children First in 2002, a comprehensive reform strategy that has brought coherence and capacity to the system and resulted in significant increases in student performance. In the next phase of Children First, Mr. Klein will build on this progress by cultivating teacher talent; expanding school choices so that students attend schools that best meet their individual needs; and innovating to ensure students are prepared for rigorous, real-world opportunities in the twenty-first century.

Formerly chairman and CEO of Bertelsmann, Inc., a media company, Mr. Klein served as assistant U.S. attorney general in charge of the Antitrust Division of the U.S. Department of Justice until September 2000 and was deputy White House counsel to President Clinton from 1993 to 1995. Mr. Klein entered the Clinton administration after twenty years of public and private legal work in Washington, D.C.

He attended New York City's public schools and graduated from William Cullen Bryant High School. He received his BA from Columbia University, where he graduated magna cum laude/Phi Beta Kappa in 1967 and earned his JD from Harvard Law School in 1971, again graduating magna cum laude.

He has also received honorary degrees from Columbia University, Duke University, Amherst College, Manhattanville College, Georgetown Law Center, Fordham Law School, New York Law School, and St. John's School of Education. He received the Lewis Rudin Award for Exemplary Service to New York City from New York University for his work as chancellor.

MICHELE CAHILL

Michele Cahill is vice-president for national programs at Carnegie Corporation of New York, where she leads the philanthropy's strategy to support creation of pathways to educational success by generating systemic change across K–12 and higher education, and to support expanded pathways to citizenship, civil participation, and civic integration in a pluralistic society. Ms. Cahill served as the cochair of the Carnegie-Institute for Advanced Study Commission on Mathematics and Science Education, managing the development of its 2009 report, *The Opportunity Equation: Transforming Mathematics and Science Education for Citizenship and the Global Economy* (opportunityequation.org).

Prior to rejoining Carnegie Corporation in 2007, Ms. Cahill was the senior counselor to the chancellor for education policy in the New York City Department of Education under Chancellor Joel I. Klein. From its inception in 2002, she was a member of the Children First senior leadership team that oversaw and implemented the full-scale reorganization and reform of the New York City public schools. Some specific areas of focus included district redesign, research and development capacity to guide strategies to increase the graduation rate, new school development, and the creation and expansion of innovative school designs for reengaging and accelerating the learning of overage and under-credited adolescents.

Ms. Cahill has experience in education reform in various settings, including founding and coleading for a decade a college program for nontraditional students that received national recognition for innovation and degree completion; developing and expanding the Beacons community school model, directing numerous demonstration projects and evaluations, and working in education philanthropy.



New York City Global Partners, Inc., connects the City of New York with other leading world cities by promoting exchange among policymakers and citizens. It encourages New York City and its more than seventy-five partner cities to learn from one another's innovative solutions to common challenges.

Formerly the Sister City Program of the City of New York, Inc., the organization was restructured and renamed in 2006 with the aim of expanding the City's interaction with global cities. Under the Bloomberg administration, Global Partners has convened eight international summits on pressing urban issues, including the 2009 Job Creation and Workforce Development Summit and the 2008 Public Health and Climate Change Summit. In 2007, Global Partners cosponsored the C40 Large Cities Climate Summit.

Policymakers worldwide share information about their cities' successes through the Global Partners' Innovation Exchange, an online resource bank of global cities' best practices. It features more than one hundred reports from thirty global cities on successfully implemented initiatives in twenty policy areas. For more information or to submit a best practice for consideration, visit www.nyc.gov/globalpartners/innovationexchange.

Global Partners Junior is the award-winning program that connects New York City youth with their international peers on the Internet. It fosters global awareness and develops practical technology skills for middle school youth. Located in the office of the New York City Commission for the United Nations, Consular Corps and Protocol, New York City Global Partners is a not-for-profit 501(c)(3) organization. To learn more, visit www.nyc.gov/globalpartners or call 311.



Columbia University in the City of New York continually seeks to advance the frontiers of knowledge and foster a campus community dedicated to addressing the complex global issues of our time, from climate change and sustainable development to inter-

national finance and public health. Columbia's sixteen undergraduate, graduate, and professional schools, a renowned medical center, and four affiliated colleges and seminaries are committed to engaging the best minds to pursue greater human understanding, produce breakthrough discoveries, and serve society.

The University has both longstanding and newly innovative partnerships to enhance teaching and learning for local students. Columbia-affiliated Teachers College is world renowned for graduate-level training in education. Columbia College's Double Discovery Center has, over the past forty-five years, provided after-school, weekend, and summer enrichment programs on campus for more than 30,000 first-generation, college-bound New York City high school students. Columbia also sponsors a wide array of programs to foster math and science learning among New York area high school students, including the Science Honors Program, which claims some of our nation's most prominent scientists among its alumni. The University's Fu Foundation School of Engineering and Applied Science leads community-based, service learning programs and, in partnership with Teachers College, is working to improve science instruction in Harlem's public schools. Several faculty members have worked directly with the New York City Department of Education to improve accountability through improved research. Through Columbia's Community Impact, hundreds of students volunteer each year in public school-based literacy and mentoring programs. These are among the many programs and partnerships that the University maintains with an array of local organizations such as the Harlem Children's Zone.

Founded in 1754 in lower Manhattan as King's College, Columbia University is the fifth oldest institution of higher learning in the United States. Columbia is a thriving intellectual community of 40,000 students, faculty, and staff whose teaching, learning, and research are enhanced by the energy and resources of a great, global city. To learn more, visit www.columbia.edu.



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