RESOLVED, that City College award Kathleen Battle and Ray Suarez the degree of Doctor of Humane Letters, *honoris causa* and Harvey Kaylie and Sheldon Weinbaum the degree of Doctor of Science, *honoris causa* at the College’s annual Commencement Ceremony on June 1, 2012.

EXPLANATION: Ms. Battle is a distinguished operatic soprano and a Grammy winning recording artist. She began her career as a music teacher at an inner-city public school in Cincinnati in 1971. Her career as an opera singer spanned two decades starting with her debut in 1975. Honoring an artist of her stature highlights the quality of music and arts offerings at City College.

Mr. Suarez is currently the senior correspondent of The PBS NewsHour and has been recognized as an important voice and as a leader by numerous Latino and Hispanic organizations, in a field where minorities continue to be underrepresented. He is a strong advocate for public education and represents values both City College and CUNY hold dear.

Professor Weinbaum has had a profound impact on the preeminence of biomedical engineering education and research at City College and in New York City. He is one of only eight living individuals who have been elected to all three national academies. He has also been a tireless advocate and innovator for addressing the underrepresentation of women and minorities in academic engineering.

Mr. Kaylie is an alumnus of City College’s School of Engineering. He is the founder and president of Mini-Circuits, Inc. and is a world leader in design and manufacturing of radio frequency, infrared and microwave components. Mr. Kaylie has strongly supported innovation and entrepreneurship at the Grove School of Engineering with founding the Harvey and Gloria Kaylie Entrepreneurship Prize and establishing the Mini-Circuits Scholarships for talented students. He further serves the College as a Board member of the City College 21st Century Foundation and has generously contributed to the College.
Ms. Kathleen Battle is a known for her work within the concert repertoire and her extensive opera career. She made her opera debut in 1975 and although she no longer appears in operas, Battle remains active in concert and recital performances.

Battle was born in Portsmouth, Ohio, USA, the youngest of seven children. Her father was a steelworker, and her mother was an active participant in the gospel music of the family's African Methodist Episcopal church. She majored in music education rather than performance in undergraduate school and went on to get a master's degree in Music Education as well. In 1971 Battle embarked on a teaching career in Cincinnati, taking a position at a Cincinnati inner-city public school.

In 1972, conductor Thomas Schippers engaged her to sing as the soprano soloist in Brahms' _Ein Deutsches Requiem_ at the 1972 Festival dei Due Mondi in Spoleto, Italy, marking the beginning of her professional career. Thomas Schippers introduced Kathleen Battle to his fellow conductor James Levine, the beginning of a friendship and close professional association between Battle and Levine that would last for years. She made her New York City Opera debut the following year as Susanna in Mozart's _Le Nozze di Figaro_, and in 1977 made her Metropolitan Opera debut as the Shepherd in Wagner's _Tannhäuser_.

Battle became an established artist at the Metropolitan Opera in the 1980s, singing over 150 performances with the company in 13 different operas. Other opera houses where she performed included San Francisco Opera, English National Opera, Grand Théâtre de Genève, Vienna State Opera, and Deutsche Oper Berlin.

During this period, she received three Grammy awards for her recordings: _Kathleen Battle Sings Mozart_ (1986), _Salzburg Recital_ (1987), and _Ariadne auf Naxos_ (1987). She also received the Laurence Olivier Award (1985) for her stage performance as Zerbinetta in _Ariadne auf Naxos_ at the Royal Opera House, London. In 1985, _Time Magazine_, pronounced her "the best lyric coloratura soprano in the world"

The 1990s saw projects ranging from a concert program and a CD devoted to spirituals to a recording of baroque music and performances with jazz musicians. Famed contralto, Marian Anderson, who had ended her farewell tour with a recital at Carnegie Hall in April 1965, was in the audience the night Battle dedicated Rachmaninoff's "In the Silence of the Secret Night" to her. The recording of the recital earned Battle her fourth Grammy award. Another first came in January 1992 when Battle premiered André Previn's song cycle _Honey and Rue_ with lyrics by
Nobel Laureate in Literature Toni Morrison. The work was commissioned by Carnegie Hall and composed specifically for Battle.

In May 1993 Battle added pop music to her repertoire with the release of Janet Jackson's album *janet*. Lending her vocals to the song, *This Time*. Battle has continued to pursue a number of diverse projects including the works of composers who are not associated with traditional classical music, performing the works of Vangelis, Stevie Wonder, and George Gershwin.
The City College of New York 2012 Honorary Degree Nominee for
Doctor of Humane Letters

Ray Suarez

Senior Correspondent, The NewsHour on PBS

Mr. Ray Suarez joined The NewsHour in October 1999 as a Washington-based Senior Correspondent. He has more than thirty years of varied experience in the news business. He came to The NewsHour from National Public Radio where he had been host of the nationwide, call-in news program "Talk of the Nation" since 1993. Prior to that, he spent seven years covering local, national, and international stories for the NBC-owned station, WMAQ-TV in Chicago.

Mr. Suarez is the author most recently of a book examining the tightening relationship between religion and politics in America, The Holy Vote: The Politics of Faith in America. Suarez also wrote The Old Neighborhood: What We Lost in the Great Suburban Migration (Free Press), and has contributed to several other books, including What We See (New Village Press, 2010), How I Learned English (National Geographic, 2007), Brooklyn: A State of Mind (Workman, 2001), Local Heroes (Norton, 2000), Saving America’s Treasures (National Geographic, 2000), and Las Christmas (Knopf, 1998). Suarez currently hosts the monthly radio program “America Abroad” for Public Radio International, and the weekly politics program “Destination Casa Blanca” for Hispanic Information Telecommunications Network, HITN TV.


Suarez was a co-recipient of NPR’s 1993-94 and 1994-95 DuPont-Columbia Silver Baton Awards for on-site coverage of the first all-race elections in South Africa and the first 100 days of the 104th Congress, respectively. He was honored with the 1996 Ruben Salazar Award from the National Council of La Raza, and the 2005 Distinguished Policy Leadership Award from UCLA’s School of Public Policy. The Holy Vote won a 2007 Latino Book Award for Best Religion Book.

Suarez holds a B.A. in African History from New York University and an M.A. in the Social
Sciences from the University of Chicago. He has been awarded honorary doctorates by many colleges and universities, most recently by Lewis and Clark College in Oregon. He is a winner of the Benton Fellowship in Broadcast Journalism at the University of Chicago. He has also been honored with a Distinguished Alumnus Award from NYU, and a Professional Achievement Award from the University of Chicago.

A Life Member of the National Association of Hispanic Journalists, Suarez was a founding member of the Chicago Association of Hispanic Journalists. A native of Brooklyn, New York, he lives in Washington, D.C. with his wife and three children.
The City College of New York 2012 Honorary Degree Nominee for  
Doctor of Science  

Sheldon Weinbaum  

Distinguished Professor Emeritus of Biomedical and Mechanical Engineering  

Dr. Sheldon Weinbaum has achieved great distinction in activities consonant with the mission of The City College. He has made singular contributions of an extraordinary character to the professions of engineering, science, and medicine and to the public good. In addition, he has rendered extraordinarily distinguished service to the College.  

Weinbaum is one of only eight living individuals who have been elected to all three National Academies: the National Academy of Science, the National Academy of Engineering and the Institute of Medicine. He is widely recognized for his groundbreaking research on atherosclerosis. His brilliant development of novel biomechanical models have changed existing views on bone, renal tubule, bioheat transfer, and microvascular exchange, as well as, atherogenesis. Not limited to seminal impacts on biomedical engineering, one of his recent contributions is a concept for a hyper-efficient, speedy train that “flies” over the ground, supported by a track bed consisting of loose porous materials.  

Weinbaum’s contributions to City College have been had a profound effect on the preeminence of biomedical engineering education and research at the College and in New York City. He was the major force behind the founding of the College’s Department of Biomedical Engineering and the New York Center for Biomedical Engineering. In 1999, three years before the Grove School at The City College of New York had a biomedical engineering department, the College began training PhD candidates in biomedical engineering. Today, the program is now one of the nation’s best, according to National Research Council (NRC) rankings. Using NCR’s “S” measure, which is based on 20 quantitative criteria that are ranked and weighted by survey participants, the CCNY program is tied with The Johns Hopkins University and University of Pennsylvania in 11th place out of 74 programs nationwide. Currently about 40 students are enrolled in the program, which has produced 30 PhDs to date.  

Weinbaum has also had an outsie presence as a tireless advocate and innovator for addressing underrepresentation of women and minorities in academic engineering. He developed and implemented a number of successful initiatives that have received national recognition.  

In addition to his membership in the three academies, Weinbaum’s numerous honors include the Melville Medal and Lissner Awards of the American Society of Mechanical Engineers, the Davies Medal from the Rensselaer Polytechnic Institute, the Inaugural Diversity Award of the Biomedical Engineering Society, and the Public Service Award of the Fund for the City of New York.
In summary, Weinbaum is a transformative individual of international stature who has brought honor to City College and deserves its highest recognition by bestowing an honorary degree on him.
Mr. Harvey Kaylie is an alumnus of City College’s School of Engineering. He is the founder and President of Mini-Circuits, Inc. and is a world leader in design and manufacturing of radio frequency, infrared and microwave components. He has been selected as one of the 45 people that have most shaped the microwave industry and was designated as a Microwave Legend by “Microwaves and RF” trade publication in 2006.

Kaylie’s story is about the American dream. While attending City College Engineering School he also worked to support his mother and brothers. After graduating from City College’s School of Engineering in 1960 with a degree in electrical engineering, he joined ITT Missile Systems division. He attended NYU’s masters program in the evenings and received his MEE in January 1962. Kaylie later joined Amperex, a semi-conductor company and afterwards joined Fairchild (military division) and then AIL (industrial electronics division).

Kaylie has presented many technical papers and received a number of patents for electronic systems and component innovations. In 1969, Kaylie founded Mini-Circuits, a company engaged in the design, manufacture and distribution of frequency mixers. Starting in a very modest storefront with Kaylie as its sole employee, Mini-Circuits has grown into a worldwide company with facilities in California, Missouri, Florida, New York, United Kingdom, Israel, India, Malaysia, China, Taiwan and Indonesia as well as in Brooklyn, New York. With over 27 product lines and over 3000 models, Mini-Circuits has become a world leader for RF and Microwave products, with sales in over 47 countries. Mini-Circuits employs 500 people at its Brooklyn hub, from technicians to electrical engineers, to create mini-circuits for a vast array of uses. Renowned for its extensive product safety measures, the company’s products were utilized in the 1988 shuttle, by the aviation industry and by US troops in Iraq.

Kaylie has also focused his efforts on philanthropy and serves on the board of many institutions including the City College 21st Century Foundation, the Board of Overseers of Weill Cornell Medical College, Yeshiva Har Torah, and Camp Kaylie at Ohel. He is also very involved in many institutions supporting education, people with disabilities, medical research, the disadvantaged, and the arts. Mr. and Mrs. Kaylie are President and Vice President respectively, of the Harvey and Gloria Kaylie Foundation, Inc. They have two daughters and eight grandchildren, all of whom are involved in philanthropic endeavors.

He has established the Mini-Circuits Scholarships for talented students and the enormously successful Harvey and Gloria Kaylie Entrepreneurship Prize. The inaugural prize was won in 2011 by the “Stoke Innovation” team. Composed of four graduate physics students and an undergraduate electrical engineering major, it is developing an affordable, non-invasive device for instant cancer detection through light analysis. Dr. Robert Alfano, Distinguished Professor of
science and engineering, was the team adviser.

Kaylie’s leadership in the microwave technology, his commitment to education, medicine, and those in need, and his inspiring leadership that will create generations of entrepreneurs and bring further distinction to City College, make him an outstanding candidate for an honorary degree from his alma mater. He is a distinguished alumnus and an embodiment of the mission of CCNY.