



BOSTON UNIVERSITY
COMMENCEMENT
2014

SUNDAY THE EIGHTEENTH OF MAY
ONE O'CLOCK
NICKERSON FIELD
BOSTON, MASSACHUSETTS

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ABOUT BOSTON UNIVERSITY

Boston University's impact extends far beyond Commonwealth Avenue, Kenmore Square, and the Medical Campus. Our students, faculty, and alumni go all around the world to study, research, teach, and become a part of the communities in which they live. BU is the fourth-largest private university in the country today and is a member of the Association of American Universities, an elite organization of the leading research universities in the United States and Canada. As a measure of its global reach, Boston University is currently engaged in more than 400 separate research, service, and educational programs and projects around the world.

Enduring commitments to teaching, research, global education, and community engagement are the touchstones of Boston University's proud past and promising future.

In the rich tapestry of Boston University's history, one thread runs true: quality teaching by an excellent faculty. Students benefit from direct instruction by dedicated professors who are actively engaged in original research and scholarship, as well as from the University's combination of a strong liberal arts foundation and exceptional professional programs. Many students work closely with faculty mentors to advance the frontiers of human discovery. Opportunities for educators and researchers to collaborate across disciplines leverage the breadth and depth of the University's program offerings.

Since its founding, Boston University has embraced two principles that have come to define higher education today: a conviction that higher education should be accessible to all, and a belief that the pursuit of learning is enhanced by direct engagement with the community and the world.

Boston University has made a commitment to providing educational opportunity without regard to race, class, sex, or creed from its beginning, and this has led to a number of momentous "firsts": the

first to open all its divisions to women, the first to award a Ph.D. to a woman, the first coeducational medical college in the world. Martin Luther King, Jr., perhaps our most famous alumnus, studied here in the early 1950s, during a period when nearly half of this country's doctoral degrees earned by African American students in religion and philosophy were awarded by Boston University.

For many at Boston University, a commitment to serving and shaping the world is formed while still a student. The early dream of engagement "in the heart of the city, in the service of the city" has been deeply and abidingly realized in numerous ways: through the \$169 million in scholarships provided to graduates of the Boston Public Schools via the Thomas M. Menino Scholarship program and the new Community Service Awards program, the University's twenty-year partnership with the Chelsea Public Schools, and the pioneering merger of the BU Medical Center Hospital and Boston City Hospital. Students and faculty regularly engage in a broad range of both formal and informal community service activities.

Boston University's academic community reaches near and far. Today, the University's sixteen schools and colleges enroll more than 33,000 students from all fifty states as well as the District of Columbia, three U.S. territories, and 130 foreign countries. The nation's first collegiate international exchange program was created here in the nineteenth century. Since then, Boston University's Study Abroad offerings have grown to include programs in more than thirty-five cities on six continents. This global emphasis is integrated into the on-campus curriculum, with courses and programs that bring an international perspective to subjects from anthropology to zoology.

Today's graduates take their place in a long line of alumni whose inclusive and engaged educational experience prepared them to help serve, shape, and improve the world.

PROGRAM

Prelude Concert (musical titles on page 104)	Boston University Brass Choir Aaron Goldberg, Director
Processional (musical titles on page 104)	
Call to Order	Robert A. Knox CHAIRMAN OF THE BOARD OF TRUSTEES OF BOSTON UNIVERSITY
National Anthem	Melanie Burbules COLLEGE OF FINE ARTS '14
Invocation	The Reverend Dr. Robert Allan Hill DEAN OF MARSH CHAPEL, BOSTON UNIVERSITY
Student Speaker	Taryana Andrea Gilbeau COLLEGE OF COMMUNICATION '14
Presentation of the Class Gift	Dylan Joseph Kaplan SCHOOL OF MANAGEMENT '14
Welcome from the Alumni Association	Mary Buletza PRESIDENT OF THE BOSTON UNIVERSITY ALUMNI COUNCIL
The Metcalf Awards for Excellence in Teaching	Robert A. Brown
The Metcalf Cup and Prize for Excellence in Teaching	PRESIDENT OF BOSTON UNIVERSITY
Conferring of the Honorary Degrees	Robert A. Brown Mayim Bialik, <i>Doctor of Humane Letters</i> Michael Brown, <i>Doctor of Humane Letters</i> William H. Cosby, Jr., <i>Doctor of Humane Letters*</i> Nancy Hopkins, <i>Doctor of Science</i> Rajen A. Kilachand, <i>Doctor of Humane Letters</i> Deval Patrick, <i>Doctor of Laws</i>
Address	Deval Patrick
Presentation of Candidates	Jean Morrison UNIVERSITY PROVOST & CHIEF ACADEMIC OFFICER Karen H. Antman PROVOST OF THE MEDICAL CAMPUS
Promotion of Candidates to Degrees	Robert A. Brown
President's Charge to the Graduates	Robert A. Brown
Clarissima (words and music on page 105)	Melanie Burbules
Benediction	The Reverend David Barnes ROMAN CATHOLIC CHAPLAIN, BOSTON UNIVERSITY
Recessional (musical titles on page 104)	



An A.S.L. interpreter for guests with hearing impairment will be stationed on the field, in front of the accessible seating area. A large-screen, real-time, open-caption video feed will also be available for the deaf and hard of hearing at this site. The First Aid Station is located in the Boston University Children's Center, 32 Harry Agganis Way, adjacent to the stadium. It is staffed by Emergency Medical Technicians. The Lost & Found Counter is in the lobby of the Boston University Police Headquarters, next door to the Children's Center.

**On December 10, 2015, the honorary degree was revoked by the Board of Trustees.*

THE METCALF MEDALS

THE METCALF MEDALS are conferred upon winners of the Metcalf Cup and Prize for Excellence in Teaching and the Metcalf Awards for Excellence in Teaching. On the back of each medal is engraved the winner's name; on the front appears a portrait of Dr. Arthur G. B. Metcalf (1908–1997) crafted by the late Dr. John R. Silber, who served as President from 1971



to 1996. Dr. Metcalf, an alumnus, faculty member, and founder and endower of the Metcalf Awards, served on the Board of Trustees from 1956 to 1997 and was the Board's Chairman from 1976 to 1994, when he became Chairman Emeritus. The Cup and Prize medal is struck in gold, the Award medals in silver.



THE METCALF CUP AND PRIZE FOR EXCELLENCE IN TEACHING

THE METCALF CUP and \$10,000 Prize were created by an endowment gift from the late Dr. Arthur G. B. Metcalf, an alumnus and Trustee of Boston University. Candidates are nominated by students, faculty, or alumni, and finalists are selected by a screening committee of faculty and students. The committee's recommendation is then forwarded to



the University's president. "The purpose of the prize," Dr. Metcalf stated at the time of its creation, "is to establish a systematic procedure for the review of the quality of teaching and the identification and advancement of those members of the faculty who excel as teachers, of which this cup is symbolic."

THE METCALF AWARDS FOR EXCELLENCE IN TEACHING

METCALF AWARDS are given annually to one or more of the finalists in the competition for the Cup and Prize. Each winner of the Metcalf Award receives \$5,000. As President Robert A. Brown has said, "Teaching is an art. It is the essential function of a university, as it is our mission to mold the next generation of informed citizens and creative thinkers. Boston University is committed to educating students to be reflective, resourceful leaders in

an interconnected world. We accomplish this through the work of great teachers, men and women who inspire their students. They encourage exploration, debate, cooperation, the pursuit of the unknown, and discovery; they introduce ancient wisdom and the latest scholarship. The Metcalf Awards recognize and encourage outstanding teaching and thereby support our fundamental mission."

THE METCALF CUP AND PRIZE FOR EXCELLENCE IN TEACHING



Stormy Attaway

COLLEGE OF ENGINEERING, DEPARTMENT OF MECHANICAL ENGINEERING

Stormy Attaway is Assistant Professor of Mechanical Engineering in the College of Engineering. Her work focuses on the fundamentals of engineering computation and the integration of new technologies and methods to enhance the practice of teaching.

For three decades, Professor Attaway's wholehearted embrace of educational innovation has enabled students to approach problem solving in entirely new ways. Often the first stop that Mechanical Engineering freshmen make as they begin the major, her introductory programming course is perennially hailed for weaving unique software with a continually evolving lecture style to render complex subject matter approachable—and even enjoyable.

Student evaluations of Professor Attaway's teaching and advising are routinely peppered with words such as "transformative," "caring," "creative," and "compelling." Writes one colleague, "Stormy's extraordinary commitment to advancing the foundation skills... for all our freshmen is matched only by her extraordinary capacity and effectiveness to serve as a long-term mentor

to her students. I can think of no one who has touched more BU engineering students during the last thirty years."

Other colleagues are no less complimentary. As the College of Engineering's Director of Curricular Assessment and Improvement, she enthusiastically works alongside them to help perfect their approaches to engineering instruction, while often employing upper class undergraduates in her courses as learning assistants—itsself a training in leadership. The result has been generations of students, fellow faculty, and future teachers across disciplines forever fascinated by the teaching and study of engineering.

Professor Attaway earned her B.S. in Geology from the University of South Carolina, before completing her Master's in Computer Science and Ph.D. in Interdisciplinary Studies: Computational Mechanics at Boston University. A recipient of the College of Engineering's Faculty Service Award, she has authored what is considered the definitive text on the use of MATLAB engineering instructional software.

THE METCALF AWARD FOR EXCELLENCE IN TEACHING



Terry Everson

COLLEGE OF FINE ARTS, SCHOOL OF MUSIC

Terry Everson is Associate Professor in the School of Music in the College of Fine Arts. His research and teaching concentrate on musical foundation and composition and on the development of students into skilled brass musicians.

Throughout his 15 years at BU, Professor Everson's international renown as a trumpeter has been equaled only by the joy and commitment he inspires in students seeking to carve their own niches as performers. In Professor Everson, students have at once a front row seat to an artist in his musical prime and a champion and critic who challenges them to reach within and become one with the music they're playing.

Professor Everson's nominators describe him as a "role model for students, [who] defines 'the complete musician,'" motivating those in his classes to push harder as performers, while immersing them in active learning through discussion and public performance. Those working to grasp new techniques or remedy difficulties find a teacher accessible at almost any hour with

imaginative, tailored approaches that empower them to discover their own solutions.

A frequent substitute with the Boston Symphony Orchestra and Boston Pops who teaches courses in Trumpet Studio, Orchestral Techniques, and Chamber Music, Professor Everson routinely thrusts his students into professional settings, as both spectators and participants, exposing them to a standard of sound and practice available to few. For trumpet ensemble, he regularly composes new works, conducting and playing alongside students to ensure they are concert-ready. The performers who emerge are confident beyond their years, many winning international competitions before becoming established artists and teachers themselves.

Professor Everson earned his Bachelor and Master of Music degrees in Trumpet Performance from The Ohio State University. A respected soloist, composer, and church musician, he has produced or appeared on dozens of acclaimed CDs and won national honors for his work with the New England Brass Band.

THE METCALF AWARD FOR EXCELLENCE IN TEACHING



Alan P. Marscher

COLLEGE OF ARTS & SCIENCES, DEPARTMENT OF ASTRONOMY

Alan Marscher is Professor of Astronomy in the College of Arts & Sciences. Through his research, he explores high-energy astrophysics and the nature of extragalactic phenomena, including black holes and exploding stars.

For more than 25 years, Professor Marscher has shaped the way non-science majors approach scientific inquiry, providing a grounding that goes beyond fulfillment of requirements and instead sparks in students a lasting fascination with the laws of the universe and their impact on humanity. A champion of in-class discussion and demonstration, Professor Marscher infuses lectures with equal parts Mr. Wizard and science fundamentals, colorfully illuminating questions of astronomy, our origins, and our future.

Writes one student, “Professor Marscher engages the minds of his students and expands not simply their worldview, but how they look at themselves, the night sky, and the entire universe. His lectures are not verbatim readings of the textbook... but are instead guided journeys through the cosmos where students visit super

massive stars and learn that the iron atoms in their blood originated in their cores.”

Professor Marscher’s Cosmology and Core Curriculum courses are demanding. They’re also memorable. Challenging assignments are punctuated by class visits to the Hayden Planetarium or to the College of Arts & Sciences’ roof, where Professor Marscher sets up telescopes to view planets, the moon, and binary stars. And then there are the songs—about black holes, gravity, and atoms—which he composes and enthusiastically performs to help clarify difficult material.

Professor Marscher earned his B.S. in Engineering Science from Cornell University and his Master’s and Ph.D. in Astronomy from the University of Virginia. He conducted postdoctoral work at NASA’s Goddard Space Flight Center. The Director of BU’s Institute for Astrophysical Research, he has authored hundreds of articles in leading journals and written his course’s Core Curriculum textbook, published electronically and distributed for free to students.

HONORARY DEGREES



Mayim Bialik

DOCTOR OF HUMANE LETTERS

Actress Mayim Hoya Bialik first gained attention for her portrayal of Bette Midler as a child in the 1988 movie *Beaches* and subsequently became widely known for her lead role as Blossom Russo in the early-1990s NBC television comedy *Blossom*. She now appears regularly on the top-rated comedy *The Big Bang Theory*, playing neurobiologist Dr. Amy Farrah Fowler, a role for which she has been twice nominated for an Emmy and once for a Screen Actors Guild Award.

Dr. Bialik, who grew up in Southern California, is especially well prepared to portray a neurobiologist: she earned an undergraduate degree from UCLA in 2000 with a double major in neuroscience and Jewish studies and Hebrew. She went on to earn a Ph.D. in neuroscience from UCLA in 2007. Her dissertation was entitled *Hypothalamic Regulation in Relation to Maladaptive, Obsessive-compulsion, Affiliative, and Satiety Behaviors in Prader-Willi Syndrome*.

Dr. Bialik was a dedicated student leader at UCLA Hillel and describes herself as an avid student of all

things Jewish, meeting with several study partners weekly and speaking throughout the country for Jewish and academic institutions and organizations. She is a frequent visitor to Israel and spent several summers there as a volunteer kibbutz worker on a dairy farm.

She is a mother and writer as well. She gave birth to her first son in 2005, and her second son was delivered at home, in a largely unassisted birth, in 2008. Her book about attachment parenting, *Beyond the Sling: A Real-Life Guide to Raising Confident, Loving Children the Attachment Parenting Way*, was published in March 2012. Her vegan cookbook, *Mayim's Vegan Table: More than 100 Great-Tasting and Healthy Recipes from My Family to Yours*, was published earlier this year. She writes regularly for the Jewish parenting site Kveller.com about homeschooling, being Jewish in Hollywood, and being a mother.

HONORARY DEGREES



Michael Brown

DOCTOR OF HUMANE LETTERS

Michael Brown is chief executive officer and co-founder of City Year, a Boston-based nonprofit organization that mobilizes idealistic young people for a year of service in high-need schools.

Mr. Brown is a graduate of Harvard College and Harvard Law School, where he served as an editor of the *Harvard Law Review*. Prior to co-founding City Year, he served as a legislative assistant to then-Congressman Leon Panetta and as a clerk for Judge Stephen Breyer when he served on the 1st U.S. Circuit Court of Appeals.

City Year was founded in 1988 by Mr. Brown and Alan Khazei, roommates at Harvard Law School, who felt strongly that young people in service could be a powerful resource for addressing America's most pressing issues.

Currently, 2,700 City Year corps members are helping to address the nation's high school dropout crisis and turn around low-performing schools by serving as full-time tutors, mentors, and role models in high-need schools in

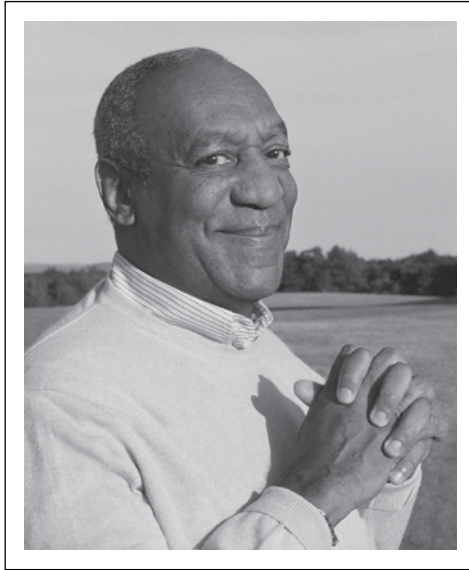
twenty-five U.S. cities. City Year also has affiliates in South Africa and the United Kingdom.

Through its national initiative, "In School and On Track: A National Challenge," City Year aims to significantly increase the urban graduation pipeline in America.

City Year served as an inspiration for AmeriCorps, the federal initiative through which more than 800,000 Americans have served their country. City Year has more than 18,000 alumni who have contributed more than 29 million hours of service and earned access to \$71 million in college scholarships through the AmeriCorps National Service Trust.

For his work developing City Year and advancing the national service movement, Mr. Brown has received the Reebok Human Rights Award and several honorary degrees. He has been named one of America's Best Leaders by *U.S. News & World Report* and an Executive of the Year and a member of The Power and Influence Top 50 by the *NonProfit Times*.

HONORARY DEGREES



© Erinn Chalene Cosby

William H. Cosby, Jr.

DOCTOR OF HUMANE LETTERS

William H. Cosby, Jr., the son of a U.S. Navy sailor and a maid, was born in Philadelphia. Although he was a class president and two-sport team captain, he left high school early. Calling himself a “late bloomer,” he said that he did not realize the value of a formal education until after his first four days of boot camp in the Navy. When he left the service four years later, he immediately enrolled at Temple University in Philadelphia.

While at Temple, he worked part-time as a bartender and quickly learned that he could earn more tip money when he made his customers laugh. He left college to begin a career as a stand-up comedian, working first in Philadelphia, then in major cities across the country. After a 1963 appearance on *The Tonight Show*, he signed a recording contract that led to his highly successful debut album, *Bill Cosby Is a Very Funny Fellow... Right!*

He began his television acting career in 1965 when he became the first African American to co-star in a dramatic series, *I Spy*. He went on to earn three consecutive Emmy Awards for Outstanding Lead Actor in a Drama Series. Even with his success in drama, he never strayed far from comedy. Running from 1984 to 1992, *The Cosby Show* was one of the highest-rated situation comedies of all time and was one of only three television programs to place first in the ratings for at least five consecutive years.

Known for his commitment to education and to family, Dr. Cosby and his wife, Camille, went back to college in the 1970s, earning master’s and doctoral degrees in education. He has publicly advocated for parents and community leaders to instill values and a sense of responsibility in children from an early age.

Winner of numerous awards and honors, he received the Presidential Medal of Freedom in 2002.

HONORARY DEGREES



Nancy Hopkins

DOCTOR OF SCIENCE

Nancy Hopkins is a molecular biologist and the Amgen, Inc. Professor of Biology at the Massachusetts Institute of Technology. As a junior at Radcliffe College, considering possible career paths in architecture or medicine, she attended a lecture by James Watson, co-discoverer of the structure of DNA. This inspired her to become a research scientist.

While earning a Ph.D. at Harvard, she worked to isolate the lambda phage repressor, examining the DNA of operator mutants and how various mutations affected a repressor protein's ability to bind to DNA. She became interested in probing the genetics of animal tumor viruses, an interest she pursued as a postdoctoral researcher at Cold Spring Harbor Laboratory, working with her mentor, James Watson. In 1973, Dr. Hopkins was invited to join the faculty of MIT at the newly constructed Center for Cancer Research.

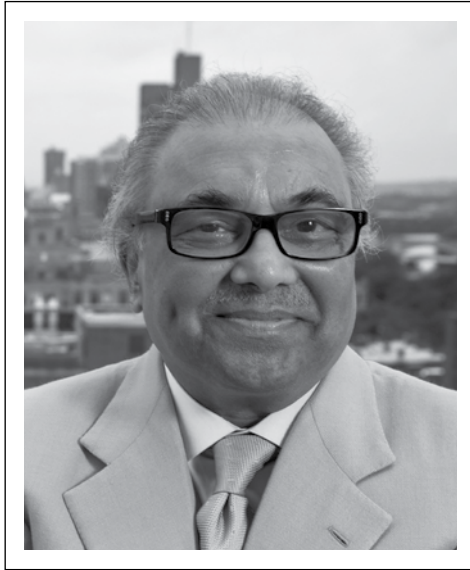
After arriving at MIT, Dr. Hopkins pursued two major research areas. Initially, she changed her research focus from DNA tumor viruses to RNA

tumor viruses, which were then considered to be a likely cause for many cancers in humans. After several years of research and significant contributions in this field, Dr. Hopkins began studying developmental genetics in zebrafish. Her laboratory developed the first successful method for making insertional mutagenesis work in a vertebrate model, which enabled her team to identify genes essential for zebrafish development, with implications for better understanding development in other species.

Her work outside the lab has attracted national interest as well. In the 1990s, she initiated an examination of possible gender bias against women scientists. A summary of the study was published in 1999. In 2000, she was named co-chair of the first Council on Faculty Diversity at MIT, along with then-Provost Robert A. Brown.

She is a member of the National Academy of Sciences, the Institute of Medicine, and a fellow of the American Academy of Arts & Sciences.

HONORARY DEGREES



Rajen A. Kilachand

DOCTOR OF HUMANE LETTERS

Rajen A. Kilachand is chair and president of the Dodsai Group, a Dubai-based highly diversified multinational company that operates in countries around the world, with a workforce of 25,000 employees.

Mr. Kilachand was raised in Gujarat, India, son of Arvind and Chandan Nandlal Kilachand. After completing his undergraduate degree in India, he earned his Master of Business Administration in 1974 at the Boston University Graduate School of Management. He then returned to India to work at the Dodsai Group, originally a trading company co-founded in 1948 by a small group of investors that included members of his family.

After the death of his father in 1982, Mr. Kilachand took over leadership of the business and has overseen its operation and expansion ever since. Dodsai has been owned outright by the Kilachand family since 1995. Under Mr. Kilachand, Dodsai operates in five principal areas, including trading and distribution; engineering, procurement, and construction; natural resource exploration and production; casual dining restaurants; and

manufacturing. Today, Dodsai is one of the leading energy and infrastructure development companies in the world.

Over the years, Mr. Kilachand has made extraordinary personal philanthropic commitments to support initiatives that span health care, vocational training and education, libraries, teacher-training institutions, and cultural programs. He is a sponsor of community theaters and festivals devoted to music and art around the world, including the New Orleans Jazz & Heritage Festival. He supports AIDS awareness programs in Africa and Papua New Guinea. He hosts the annual kite festival in Gujarat, one of the largest in India, to celebrate his family's passion for this unique sport.

Mr. Kilachand has been especially generous to Boston University. Through gifts totaling \$35 million, he has endowed the Arvind and Chandan Nandlal Kilachand Honors College and Professorship, and he has supported the establishment of Kilachand Hall as the home of the Honors College.

HONORARY DEGREES



Deval Patrick

DOCTOR OF LAWS

Massachusetts Governor Deval Patrick, who was born on the South Side of Chicago and raised by a single mother, first came to Massachusetts in 1970 at the age of 14. A motivated student despite the difficult circumstances of poor and sometimes violent Chicago schools, he was awarded a scholarship to Milton Academy through A Better Chance, a Boston-based organization. From that time forward, he has said, Massachusetts people, schools, and institutions have given him the opportunity to excel.

Governor Patrick, the first in his family to attend college, is a graduate of Harvard College and Harvard Law School. After serving as a law clerk for Judge Stephen Reinhardt of the 9th U.S. Circuit Court of Appeals, he pursued a successful career in the private sector as an attorney and business executive, rising to senior executive positions at Texaco and Coca-Cola. In 1994, President Clinton appointed him as Assistant Attorney General for Civil Rights, the nation's top civil rights post.

First elected in 2006, Governor Patrick, despite a challenging economic environment, has maintained or expanded the state's investment in critical growth sectors while cutting state spending. Governor Patrick has funded public education at the highest levels in the history of the Commonwealth, and its school reform initiatives earned Massachusetts the top spot in the national Race to the Top competition. Additionally, the Governor has positioned the state as a global leader in biotech, biopharmaceuticals, and information technology, and as a national leader in clean energy.

Governor Patrick has committed the state to renewing its aging infrastructure and oversaw the expansion of affordable health care insurance to more than 98 percent of Massachusetts residents. The Patrick administration also accomplished major reforms in the state's pension systems, ethics laws, and transportation bureaucracy.

Diane and Deval Patrick have been married for more than twenty-five years and have two adult daughters.

HONORARY DEGREE RECIPIENTS OF THE PAST 25 YEARS

<p>2013 Morgan Freeman Robert S. Langer Peter D. Weaver Wendy Kopp</p> <p>2012 Norman R. Augustine Thomas G. Kelley Sandra L. Lynch Leonard S. Nimoy Eric E. Schmidt</p> <p>2011 Katie Couric Victoria Reggie Kennedy Jacques Pépin Frank Stella Nina Totenberg Ahmed Zewail</p> <p>2010 Edward Albee William T. Coleman, Jr. Wafaa El-Sadr Eric H. Holder, Jr. Osamu Shimomura</p> <p>2009 J Allard Larry J. Bird Michael E. Capuano Alan M. Leventhal Steven Spielberg Gloria E. White-Hammond</p> <p>2008 Earle M. Chiles Millard Drexler William H. Hayling Billie Jean King Lawrence Lucchino</p> <p>2007 Steven Chu Bill Kovach Brice Marden Judy Norsigian Samuel O. Thier Peter H. Vermilye</p> <p>2006 Nancy Goodman Brinker Aram V. Chobanian Dean Kamen Leslie Moonves Frederick S. Pardee Patricia Meyer Spacks</p>	<p>2005 David Aronson John W. Henry Shirley Ann Jackson Hamid Karzai John Forbes Kerry Christine Todd Whitman Edward J. Zander</p> <p>2004 His Beatitude Anastasios Bill Belichick Saul Bellow Irwin Chafetz Keith Lockhart Edward J. Markey J. Craig Venter Alfre Woodard</p> <p>2003 Van Cliburn Lukas Foss Karen Elliott House Nasser David Khalili Velia N. Tosi Gerald Tsai, Jr. Jon Westling George F. Will</p> <p>2002 Rev. Michael E. Haynes William F. Russell Marisa Tomei</p> <p>2001 Sila M. Calderón Leonard Florence Thomas M. Menino Kathryn Underwood Silber Rev. Nicholas C. Triantafilou</p> <p>2000 Olympia Dukakis Norman B. Leventhal Guy A. Santagata Ruth J. Simmons Tom Wolfe</p> <p>1999 James F. Carlin Geena Davis Rev. Ray Alexander Hammond II Henry A. Kissinger Stephen J. Trachtenberg</p>	<p>1998 Jordan J. Cohen Mary Jane England Ralph D. Feigin Rev. Floyd H. Flake Claudia "Lady Bird" Johnson Rachel B. Keith Gary Locke Donald O'Connor David Satcher</p> <p>1997 John Biggers Fredrick Fu Chien Joseph Ciechanover Maurice Druon Sheikh Hasina Kim Woo-Choong Lee Teng-hui John J. Parker Christopher Reeve Gonzalo Sánchez de Lozada Joseph L. Tauro Rev. Juan Julio Wicht Rossel</p> <p>1996 William M. Bulger Aaron Feuerstein John A. Kelley Paul J. Liacos Steven A. Schroeder Alfonso Valdivieso Sarmiento Barbara Polk Washburn Henry Bradford Washburn, Jr. August Wilson</p> <p>1995 Jason Alexander Stephen G. Breyer Adelaide M. Cromwell Robert K. Kraft Nakedi Mathews Phosa Norman Podhoretz Rabbi Joseph Polak John Silber</p> <p>1994 Luciano Benetton Jo Benkow Dorothy L. Brown Janez Drnovsek Eduardo Frei Ruiz-Tagle Julie Harris François Léotard Ross Perot Sumner M. Redstone Robert Shaw Diana Chapman Walsh</p>	<p>1993 W. Edwards Deming Joseph H. Hagan C. Everett Koop John F. Smith, Jr. Gordon R. Sullivan Derek A. Walcott Marilyn E. Wilhelm Rev. Johnny Ray Youngblood</p> <p>1992 Beverly B. Byron Wynton Marsalis Joseph A. Moore Fred Rogers Sue Bailey Thurman Mario Vargas Llosa</p> <p>1991 Gregory H. Adamian Roone Arledge Thomas Stephens Haggai Jesse Loftis Johnson Toshiki Kaifu Aubrey Fook-Wo Li C. Eric Lincoln David Riesman Yitzhak Shamir Eduard A. Shevardnadze</p> <p>1990 Satoshi Iue Angela Lansbury Louis E. Lataif K. T. Li Andrew P. Quigley Louis W. Sullivan Vernon A. Walters Marion Wiesel</p> <p>1989 Barbara Pierce Bush George H. W. Bush May-ling Soong Chiang King Hussein Ibn Talal Helmut Kohl François Mitterrand Paul Weiss</p>
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ACADEMIC TRADITIONS

ACADEMIC DRESS: The academic dress worn by today's graduates reflects a tradition begun in the late twelfth century, when universities were taking form. Originally the dress may have had a practical purpose: to keep the student warm in unheated buildings. Today it is ceremonial. American colleges and universities subscribe to a code of academic dress first adopted in 1895. The Academic Costume Code is divided into three parts: caps, gowns, and hoods.

The traditional cap is the mortarboard, which is worn by our bachelor's and master's degree candidates. The colored tassels worn from the mortarboards identify the graduate's discipline or field of study. Boston University's doctoral candidates wear an octagonal tam with gold tassels.

The gown for the bachelor's degree is simple, with open sleeves. The master's gown has a long, curved extension at the bottom of the sleeve, and is narrow at the wrist. Bachelor's and master's gowns are always untrimmed. The more ornate doctoral gown is faced with velvet and features three velvet bars on each sleeve. The velvet is black for all disciplines except law, dentistry, and medicine, which are faced with those fields' traditional colors: purple, lilac, and green. The sleeves are bell-shaped and billowing.

Bachelor's candidates at Boston University do not wear hoods as part of their dress. The master's hood is three and one-half feet in length, and the doctoral hood is four feet with panels on the sides. The lining of the hoods is unique to the university: every university, according to the Academic Costume Code, has a distinct pattern. The Boston University hood is lined with a single white chevron on a scarlet field. The color of the velvet edging of the hood corresponds to the graduate's field of study. Academic disciplines and associated colors seen at today's Commencement include:

Arts, Letters, Humanities—white	Music—pink
Business, Management—drab	Philosophy—dark blue
Dental Medicine—lilac	Physical Therapy—teal
Education—light blue	Public Health—salmon
Engineering—orange	Sciences—yellow
Fine Arts—brown	Social Work—citron
Law—purple	Theology—scarlet
Medicine—green	

THE ACADEMIC PROCESSION: The University Marshal presides over the Academic Procession, standing at the front of the platform. He raises the mace to signify that Commencement is ready to begin; as he lowers it, the music begins and the graduates begin to march onto the field. The graduates are then followed by the alumni and faculty processions. The platform party follows the faculty; the President is the last person in the procession. At the conclusion of the ceremony, the University Marshal leads the President and the platform party off the field, followed by the faculty and alumni. There is no student procession at the end of Commencement. Graduates and guests are asked to remain in their places until the platform party and faculty have left Nickerson Field.

PRESIDENT'S COLLAR: The collar is a chain of repeating decorative links. Such collars were often worn in the Middle Ages as a badge of office. The Boston University collar, symbolizing the office of the President, is composed of the University seal alternating with the letters BU; a larger seal is suspended from it. The collar was designed in the 1980s by the late Dr. Arthur G. B. Metcalf, alumnus, Associate Founder of the University, and Chairman Emeritus of the Board of Trustees.

MACE: The mace was originally a weapon of war; heavy, often with a spiked metal head, it was designed to damage an opponent's armor. It has evolved into a symbol of institutional authority. The academic mace, representing the authority of the university, is carried at the front of formal academic processions.

The Boston University mace was also designed in the 1980s by Dr. Metcalf. It is fashioned of sterling silver and has two University seals intertwined on the button end. In today's ceremony, it is borne by the University Marshal.

SCHOOL AND COLLEGE DIPLOMA CONVOCATIONS

College and Graduate School of Arts & Sciences

Doctoral Hooding Ceremony

Friday, May 16, 5:30 p.m.
George Sherman Union, Metcalf Hall
775 Commonwealth Avenue

Bachelor's and Master's Convocations

African American Studies

Saturday, May 17, 4 p.m.
Departmental Offices
138 Mountfort Street

American & New England Studies

Saturday, May 17, 9 a.m.
Life Science & Engineering Auditorium
24 Cummington Mall

Anthropology

Saturday, May 17, 4 p.m.
School of Law Auditorium
767 Commonwealth Avenue

Archaeology

Saturday, May 17, 9 a.m.
Tsai Performance Center
685 Commonwealth Avenue

Astronomy

Saturday, May 17, 9 a.m.
College of Arts & Sciences
725 Commonwealth Avenue, Room 522

Biochemistry & Molecular Biology

Saturday, May 17, 4 p.m.
College of General Studies Auditorium
871 Commonwealth Avenue

Biology

Saturday, May 17, 9 a.m.
Fitness & Recreation Center
915 Commonwealth Avenue

Chemistry

Saturday, May 17, 1 p.m.
Tsai Performance Center
685 Commonwealth Avenue

Classical Studies

Friday, May 16, 9 a.m.
School of Management Auditorium
595 Commonwealth Avenue

Computer Science

Sunday, May 18, 9 a.m.
School of Law Auditorium
767 Commonwealth Avenue

Earth & Environment

Sunday, May 18, 9 a.m.
Fuller Events Facility
808 Commonwealth Avenue

Economics

Friday, May 16, 9 a.m.
Walter Brown Arena
285 Babcock Street

Editorial Studies

Saturday, May 17, 4 p.m.
Departmental Offices
143 Bay State Road

English

Saturday, May 17, 5:30 p.m.
George Sherman Union, Metcalf Hall
775 Commonwealth Avenue

History

Friday, May 16, 9 a.m.
Case Center Gymnasium
285 Babcock Street

History of Art & Architecture

Sunday, May 18, 9 a.m.
Tsai Performance Center
685 Commonwealth Avenue

International Relations

Saturday, May 17, 9 a.m.
Walter Brown Arena
285 Babcock Street

Marine Program (BUMP)

Saturday, May 17, 1 p.m.
School of Management Auditorium
595 Commonwealth Avenue

Mathematics & Statistics

Friday, May 16, 9 a.m.
College of General Studies Auditorium
871 Commonwealth Avenue

Medical Science

Saturday, May 17, 4 p.m.
Life Science & Engineering Auditorium
24 Cummington Mall

Modern Languages & Comparative Literature

Sunday, May 18, 9 a.m.
Sargent College Auditorium
635 Commonwealth Avenue

Music (with College of Fine Arts)

Saturday, May 17, 4 p.m.
Track & Tennis Center
100 Ashford Street

Neuroscience Program

Sunday, May 18, 9 a.m.
College of General Studies Auditorium
871 Commonwealth Avenue

Philosophy

Saturday, May 17, 9 a.m.
School of Law Auditorium
767 Commonwealth Avenue

Physics

Saturday, May 17, 5:30 p.m.
Tsai Performance Center
685 Commonwealth Avenue

- Political Science
Sunday, May 18, 9 a.m.
George Sherman Union, Metcalf Hall
775 Commonwealth Avenue
- Psychology
Saturday, May 17, 5:30 p.m.
Case Center Gymnasium
285 Babcock Street
- Religion
Sunday, May 18, 9 a.m.
Photonics Auditorium
8 St. Mary's Street
- Romance Studies
Friday, May 16, 9 a.m.
Fitness & Recreation Center
915 Commonwealth Avenue
- Sociology
Sunday, May 18, 9 a.m.
School of Management Auditorium
595 Commonwealth Avenue
- College of Communication**
Bachelor's Convocation
Friday, May 16, 9 a.m.
Agganis Arena
925 Commonwealth Avenue

Master's Convocation
Friday, May 16, 3 p.m.
School of Law Auditorium
767 Commonwealth Avenue
- Henry M. Goldman School of Dental Medicine**
Friday, May 16, 3 p.m.
Walter Brown Arena
285 Babcock Street
- School of Education**
Saturday, May 17, 3 p.m.
Walter Brown Arena
285 Babcock Street
- College of Engineering**
Bachelor's Convocation
Saturday, May 17, 10 a.m.
Track & Tennis Center
100 Ashford Street

Master's and Doctoral Convocation
Saturday, May 17, 4 p.m.
Fitness & Recreation Center
915 Commonwealth Avenue
- College of Fine Arts**
Saturday, May 17, 4 p.m.
Track & Tennis Center
100 Ashford Street
- College of Health & Rehabilitation Sciences:**
Sargent College
Sunday, May 18, 9 a.m.
Track & Tennis Center
100 Ashford Street
- School of Hospitality Administration**
Saturday, May 17, 10 a.m.
George Sherman Union, Metcalf Hall
775 Commonwealth Avenue
- School of Law**
Sunday, May 18, 9 a.m.
Agganis Arena
925 Commonwealth Avenue
- School of Management**
Bachelor's Convocation
Friday, May 16, 1 p.m.
Agganis Arena
925 Commonwealth Avenue

Master's and Doctoral Convocation
Friday, May 16, 5:30 p.m.
Agganis Arena
925 Commonwealth Avenue
- School of Medicine**
M.D., M.D./Ph.D., and GMS Ph.D. Convocation
Saturday, May 17, 9:30 a.m.
Agganis Arena
925 Commonwealth Avenue
- Graduate Medical Sciences Division**
Master's Convocation
Friday, May 16, 10 a.m.
George Sherman Union, Metcalf Hall
775 Commonwealth Avenue
- Metropolitan College**
Saturday, May 17, 6 p.m.
Agganis Arena
925 Commonwealth Avenue
- School of Public Health**
Saturday, May 17, 2 p.m.
Agganis Arena
925 Commonwealth Avenue
- School of Social Work**
Friday, May 16, 4 p.m.
Fitness & Recreation Center
915 Commonwealth Avenue
- School of Theology**
Saturday, May 17, 2 p.m.
Marsh Chapel
735 Commonwealth Avenue

PRELUDE CONCERT

Fanfare from <i>La Péri</i>	<i>Paul Dukas</i>
Procession of the Nobles	<i>Nikolai Rimsky-Korsakov</i>
Hymn to New England	<i>John Williams</i>
Festive Overture, Op. 96	<i>Dmitri Shostakovich</i>
Suite Americana No. 1: “Son de México”	<i>Enrique Crespo</i>
Symphony for Brass and Percussion, Con moto “Alatrisme”	<i>Alfred Reed</i>
Vienna Philharmonic Fanfare	<i>Roque Baños</i>
Keystone Celebration	<i>Richard Strauss</i>
	<i>John Cheetham</i>

PROCESSIONAL MUSIC

Flourish for Wind Band	<i>Ralph Vaughan Williams</i>
Pavane “La Bataille”	<i>Tielman Susato</i>
Pomp and Circumstance March, No. 1	<i>Edward Elgar</i>
Pomp and Circumstance March, No. 4	<i>Edward Elgar</i>

RECESSIONAL MUSIC

“Go BU”	<i>Ranny Weeks and Bernie Fazioli</i>
“Hey! Baby”	<i>Margaret Cobb and Bruce Channel</i>
“I’m Shipping Up to Boston”	<i>Woody Guthrie/Dropkick Murphys</i>
Suite in F, Op. 28, No. 2, March	<i>Gustav Holst</i>

CLARISSIMA

Dean B. Doner

Brenton C. Patterson, 1911

1
Bos - ton U - ni - ver - si - ty, Proud with mis - sion sure; ———

5
Keep - ing the light of know - ledge high, long to en - dure; ———

9
Treas' - ring the best of all that's old, search - ing out the new; ———

13
Our Al - ma Ma - ter ev - er - more! Hail B. U. ———

New lyrics for "Clarissima" were written by the late Dean B. Doner, a Vice President of Boston University from 1973 to 1986.

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