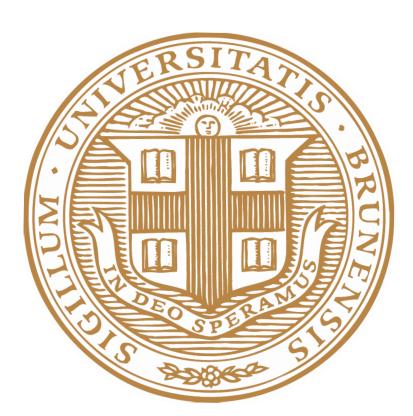
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BROWN UNIVERSITY

The Two Hundred and Forty-Fourth

Commencement





For a map of the Brown campus and to locate individual diploma ceremonies, please turn to the inside back cover.

Brown University

PROVIDENCE, RHODE ISLAND MAY 27, 2012

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Summary (all times are estimated)

Seating on the College Green is on a first-come basis outside the center section.

- 9:30 A.M. Seniors line up on Waterman Street.
- 9:45 A.M. Procession begins through Faunce Arch.
- 10:15 A.M. Graduate School ceremony on Lincoln Field
- инны Medical School ceremony at The First Unitarian Church
- 12:10 P.M. College ceremony on First Baptist Church grounds begins (videocast).
- 12:30 P.M. Seniors begin to arrive back on the College Green to be seated in the center section.
 - * Half arrive through the north (Hope College) gate.
 - * Half arrive through the south (Rhode Island Hall) gate.
- 12:45 р.м. University ceremony on College Green begins.* Senior orations
 - * Honorary degrees
 - * Symbolic degrees
- **2:00 P.M.** University ceremony on College Green ends.
- 2:15 Р.М. Diploma ceremonies begin. A listing of the locations appears on page 32 of the program.

The day begins with a procession during which the candidates for degrees march across the College Green, led by the chief marshal party, Brown band, presidential party, Corporation, senior administration, and faculty. In addition, alumni who have returned for reunions march with their classes. Once the last person is through the Van Wickle Gates on the front green, the procession inverts and continues down College street with each participant applauding the others.

The Medical School adjourns to the First Unitarian Church on Benefit and Benevolent streets. The Graduate School procession ends on Lincoln Field, where a tent accommodates spectators.

The senior class marches down College, Benefit, and Waterman streets to the First Baptist Church in America and assembles on the lawn. Family and friends wait on the College Green, where large screens afford a continuous view of the proceedings. Afterward, the seniors walk up the hill and take seats on the College Green for the University ceremony.

Parents, relatives, and friends of seniors are advised to find seats on the College Green during the opening procession. The best opportunity to take photographs of graduating seniors is at the diploma ceremonies in the afternoon. In addition, the Van Wickle Gates will remain open for photographs until 6 p.m. on Monday.

The College Ceremony

THE GROUNDS OF THE FIRST BAPTIST CHURCH IN AMERICA I2:IO P.M. (estimated)

*

PRESIDING Ruth J. Simmons *President*

THE NATIONAL ANTHEM Meghan Kelleher '12

INVOCATION

The Reverend Janet Cooper Nelson *Chaplain of the University*

CONFERRING OF THE BACCALAUREATE DEGREES

Ruth J. Simmons At the conclusion of the exercises the seniors are asked to remain in place until directed to leave by a marshal or an aide while the platform party leaves the grounds of the Meeting House. The assembly will then move to the College Green for the University ceremony. (See page 4.)

THE MEETING HOUSE OF THE FIRST BAPTIST CHURCH IN AMERICA

The Meeting House, completed in 1775, was built "for the Publick Worship of Almighty God, and also for holding Commencement in." Central parts of the Brown Commencement ceremonies have been held here ever since. Moreover, during their tenure three Brown presidents were also ministers of this church, and all of the presidents who held office between 1764 and 1937 were Baptist clergy. The conferral of baccalaureate degrees will take place on the grounds of the Meeting House and continue with the senior orations at the University ceremony on the College Green. Today's ceremonies keep the class of 2012 together and maintain a meaningful portion of the Commencement ceremony on the Meeting House grounds.

Schedule in the Event of Storm Conditions

THE PAUL BAILEY PIZZITOLA MEMORIAL SPORTS CENTER 12 NOON

*

PRESIDING Ruth J. Simmons *President*

THE NATIONAL ANTHEM Meghan Kelleher '12

INVOCATION The Reverend Janet Cooper Nelson *Chaplain of the University*

SENIOR ORATIONS Tara Kane Prendergast '12 "How Shall We Be?"

Leor Shtull-Leber '12 "Stepping Stones"

CONFERRING OF HONORARY DEGREES^{*} PRESENTERS: Joseph M. Pucci Associate Professor of Classics and Comparative Literature

COMMENCEMENT 2012 STORM PLAN

In the event of severe storm conditions, the storm plan will go into effect. The Commencement procession will be cancelled, and the University ceremony will be moved indoors and begin at noon.

Undergraduates should report directly to the Pizzitola Sports Center by 11:30 A.M. Guests of undergraduates should go to Salomon Center, Sayles Hall, or Meehan Auditorium for a videocast of the University ceremony. Diploma ceremonies will be held in the assigned locations following the University ceremony. Should graduating students want to pass through the Van Wickle Gates, they will remain open until 6 P.M. on Monday. **Ph.D. candidates** should report directly to the west-facing entrance of Barus and Holley (the eastern end of Manning Walk) and **master's recipients** should report to the lobby of MacMillan Hall by 9 A.M. to line up for the procession to the Graduate School ceremony on Lincoln Field. Guests of graduate students should go to the tent on Lincoln Field for the 10:15 A.M. ceremony; additional seating is available in Metcalf Friedman Auditorium and in MacMillan Hall 117 and 115, with viewing by simulcast. The ceremony may be viewed by webstreaming at www.brown.edu.

Medical School degree candidates should report directly to the First Unitarian Church by 11 A.M. Guests of medical students should go to the Unitarian Church for the 11:15 A.M. ceremony.

If the storm plan is in effect, it will be announced on the Brown University home page (www.brown.edu), a message will be left at 401 863-3100, and a text message will be sent to all graduating students' cell phones.

Stephen Merriam Foley '74 Secretary of the Faculty, Associate Professor of English and Comparative Literature

CONFERRING OF THE BACCALAUREATE DEGREES Ruth J. Simmons

PRESENTATION OF BACCALAUREATE DEGREE RECIPIENTS Katherine Bergeron Dean of the College, Professor of Music

CONFERRING OF MASTER OF ARTS DEGREES, AD EUNDEM^{**} PRESENTER: Kevin McLaughlin Dean of the Faculty, Nicholas Brown Professor of Oratory and Belle Lettres

ANNOUNCEMENT OF AWARD FOR EXCELLENCE IN TEACHING RECIPIENTS‡

ANNOUNCEMENT OF FACULTY MEMBERS APPOINTED TO ENDOWED AND NAMED PROFESSORSHIPS[†]

THE ALMA MATER

BENEDICTION The Reverend Janet Cooper Nelson

PROCESSIONAL

Following the benediction the audience is requested to remain standing until the platform party has left the floor of the Paul Bailey Pizzitola Memorial Sports Center.

DIPLOMAS

Seniors and guests are requested to go to the locations designated for the distribution of diplomas. A listing of the locations appears on page 32 of the program.

- * Names of recipients are on pages 21-24.
- ** Names of recipients are on page 25.
- *‡ Names of recipients are on page 28.*
- *†* Names of recipients are on pages 28-29.

The Graduate School Ceremony

LINCOLN FIELD IO:I5 A.M. (estimated)

*

Seating is limited; a videocast can be viewed in Metcalf Labs, Friedman Auditorium, and MacMillan Hall 115 and 117.

PRESIDING Peter M. Weber Dean of the Graduate School, Professor of Chemistry

PROCESSIONAL

INVOCATION R. David Coolidge '00 Associate Chaplain of the University for the Muslim Community

STUDENT ADDRESS Christopher Kenneth Geggie '12 A.M. *Classics* "Nothing Without Great Labor"

AWARDING OF THE JOUKOWSKY FAMILY FOUNDATION OUTSTANDING DISSERTATION AWARD* PRESENTERS: Clyde L. Briant Vice President for Research, Otis E. Randall University Professor

John Tyler Associate Dean of the Graduate School, Associate Professor of Education

AWARDING OF THE HORACE MANN MEDAL^{*} PRESENTER: Peter M. Weber

CONFERRING OF THE WILSON-DEBLOIS AWARD* PRESENTER: Jennifer T. Eyl '12 ph.d. *Religious Studies*

PRESENTING MASTER'S CANDIDATES MASTER OF ARTS Peter M. Weber

MASTER OF ARTS IN TEACHING

*Names of recipients are on page 25.

Laura Snyder Director of Graduate Study, Master of Arts in Teaching program

MASTER OF FINE ARTS Stephen Berenson Director of Graduate Study, Brown/ Trinity Repertory Acting & Directing program, Clinical Professor of Theatre, Speech and Dance

MASTER OF PUBLIC AFFAIRS MASTER OF PUBLIC POLICY John Tyler

MASTER OF PUBLIC HEALTH Terrie Fox Wetle Associate Dean of Medicine for Public Health and Public Policy, Professor of Health Services, Policy, and Practice

MASTER OF SCIENCE John Tyler

MASTER OF SCIENCE IN INNOVATION MANAGEMENT AND ENTREPRENEURSHIP ENGINEERING Eric Suuberg Associate Dean of Engineering, Professor of Engineering, Co-director, Program in Innovation Management and Entrepreneurship

CONFERRING OF MASTER'S DEGREES Samuel M. Mencoff '78 *Board of Fellows*

PRESENTING DOCTOR OF PHILOSOPHY CANDIDATES Peter M. Weber

CONFERRING OF DOCTOR OF PHILOSOPHY DEGREES Samuel M. Mencoff '78

BENEDICTION The Reverend Terri Yvette Cissé Interim Associate Chaplain of the University for the Protestant Community

RECESSIONAL

The audience is asked to remain standing while the platform party, faculty and graduates move to the College Green for the University ceremony.

The Warren Alpert Medical School Ceremony

THE FIRST UNITARIAN CHURCH II:15 A.M.



PRESIDING Edward J. Wing *Dean of Medicine and Biological Sciences*

PROCESSIONAL

NATIONAL ANTHEM Choral Rehydration Therapy

INVOCATION The Reverend Henry J. Bodah Associate Chaplain of the University for the Roman Catholic Community

GREETINGS Edward J. Wing

ADDRESSES Introduction by Edward J. Wing

Joseph B. Martin, MD, PhD Edward R. and Anne G. Lefler Professor of Neurobiology Harvard Medical School "Bend the Curve"

Introduction by Sarah Lushan Housman '12 MD

Kelly McGarry, MD, FACP Associate Professor of Medicine, Alpert Medical School of Brown University "Caring and Connecting"

Introduction by Chintan Kirit Patel '12 м.д.

Kumar Vasudevan '12 м.D. "Let Me Remind You…"

MUSICAL INTERLUDE

MUSIC

L. Frederick Jodry V. Senior Lecturer in Music, Organist

Aaron Lindo *Highland piper*

Norman J. McLeod *Highland drummer*

THE PHYSICIAN'S OATH

Now being admitted to the high calling of the physician, I solemnly pledge to dedicate my life to the care of the sick, the promotion of health, and the service of humanity.

In the spirit of those who have inspired and taught me, I will seek constantly to grow in knowledge, understanding, and skill and will work with my colleagues to promote all that is worthy in the ancient and honorable profession of medicine.

The health and dignity of my patient will ever be my first concern. I will hold in confidence all that my patient relates to me. I will not permit considerations of race, gender, sexual preference, religion, nationality, or social standing to come between me and my duty to anyone in need of my services.

This pledge I make freely and upon my honor.

CONFERRING OF MEDICAL DEGREES Mark S. Blumenkranz '72, '75 M.D., '76 M.M.S. *Board of Fellows*

CONFERRING OF DOCTOR OF PHILOSOPHY DEGREES Mark S. Blumenkranz

AWARDING OF MEDICAL SENIOR CITATION^{**} PRESENTERS: Nilay Kanubhai Patel '12 m.D. April Katherine Wilhelm '12 m.D.

BENEDICTION

Rabbi Mordecai Rackover Associate Chaplain of the University for the Jewish Community

RECESSIONAL

The audience is asked to remain standing until the end of the recessional. The assembly will then proceed to the Hope Club for a reception.

**Name of recipient is on page 25

The University Ceremony

THE COLLEGE GREEN 12:45 P.M.

*

PRESIDING Ruth J. Simmons *President*

PROCESSIONAL

SENIOR ORATIONS Tara Kane Prendergast '12

"How Shall We Be?" Leor Shtull-Leber '12

"Stepping Stones"

CONFERRING OF HONORARY DEGREES^{*}

PRESENTERS: Joseph M. Pucci Associate Professor of Classics and Comparative Literature

Stephen Merriam Foley '74 Secretary of the Faculty, Associate Professor of English and Comparative Literature

PRESENTATION OF BACCALAUREATE DEGREE RECIPIENTS Katherine Bergeron Dean of the College, Professor of Music

PRESENTATION OF MASTER'S DEGREE RECIPIENTS Peter M. Weber *Dean of the Graduate School, Professor of Chemistry*

THE ALMA MATER

tune: "Araby's Daughter," George Kiallmark (1781–1835) text: "Alma Mater," James Andrews

DeWolf, class of 1861 (1839–1909)

Alma Mater! We hail thee with loyal devotion And bring to thine altar our off'ring of praise;

- Our hearts swell within us with joyful emotion As the name of Old Brown in loud chorus we raise.
- The happiest moments of youth's fleeting hours We've passed 'neath the shade of these timehonored walls;
- And sorrows as transient as April's brief showers Have clouded our life in Brunonia's halls.

PRESENTATION OF M.D. DEGREE RECIPIENTS Edward J. Wing Dean of Medicine and Biological Sciences

PRESENTATION OF PH.D. DEGREE RECIPIENTS Peter M. Weber

CONFERRING OF MASTER OF ARTS DEGREES, ad eundem** PRESENTER: Kevin McLaughlin Dean of the Faculty Nicholas Brown Professor of Oratory and Belle Lettres

ANNOUNCEMENT OF AWARD FOR EXCELLENCE IN TEACHING RECIPIENTS‡

ANNOUNCEMENT OF FACULTY MEMBERS APPOINTED TO ENDOWED AND NAMED PROFESSORSHIPS[†]

THE ALMA MATER

BENEDICTION The Reverend Janet Cooper Nelson *Chaplain of the University*

RECESSIONAL

The audience is asked to withhold applause (except in the case of honorary degrees) until the last person in each group has left the platform. Following the benediction, the audience is requested to remain standing until the platform party has reentered University Hall.

DIPLOMA CEREMONIES

At the conclusion of the ceremonies on the College Green, seniors, their families, and guests are requested to go to the locations designated for the distribution of diplomas. A listing of the locations, keyed to a map of the campus, appears on page 32 of this program.

MUSIC

Commencement Band – Matthew McGarrell, *Director*

- * Names of recipients are on pages 21-24.
- ** Names of recipients are on page 25.
- *‡ Names of recipients are on page 28.*
- *†* Names of recipients are on pages 28-29.

Brown University's 18th President

RUTH J. SIMMONS

*

Ruth J. Simmons was sworn in as the 18th president of Brown University on July 3, 2001. Under her leadership, Brown has continued to make strides in improving its standing as one of the world's finest research universities.

A professor of French before entering university administration, President Simmons currently holds appointment as a professor of comparative literature and of Africana studies. After completing her Ph.D. in Romance languages and literatures at Harvard, she served in various faculty and administrative roles at the University of Southern California, Princeton University, and Spelman College before becoming president of Smith College, the largest women's college in the United States. At Smith, where she served for six years, she launched a number of important academic initiatives, including an engineering program – the first at an American women's college.

Simmons is the recipient of many honors, including a Fulbright Fellowship to France, the 2001 President's Award from the United Negro College Fund, the 2002 Fulbright Lifetime Achievement Medal, the 2004 Eleanor Roosevelt Val-Kill Medal, the Foreign Policy Association Medal, the Ellis Island Medal of Honor, and the Centennial Medal from Harvard University. She has been a featured speaker in many public venues, including the White House, the World Economic Forum, the Economic Club of Washington, the Brookings Institute, the National Press Club, the American Council on Education, and the Clinton Global Initiative. An advocate for the University's leadership on major public policy and higher education issues, she has worked on an array of educational and public policy issues, including excellence in institutional governance, the place of diversity in university life, the importance of liberal arts, the urgency of internationalization, and broader access to education. Simmons is a member of the National Academy of Arts and Sciences, the American Philosophical Society, and the Council on Foreign Relations, and serves on the board of Texas Instruments as well as a number of nonprofit boards. Awarded numerous honorary degrees, last year, she received the Brown faculty's highest honor: the Susan Colver Rosenberger Medal of Honor.

Brown Commencement Traditions

ommencement day at Brown University is a time of great ceremony, pageantry, picing, much of it representing traditions

and rejoicing, much of it representing traditions that are centuries old. These notes on the history, setting, and action of the Brown Commencement are offered in the hope that they will add to your enjoyment of this unique academic celebration.

COMMENCEMENT HISTORY

The seventh-oldest college in the United States, Brown was founded in 1764 as the College of the Colony of Rhode Island under the leadership of the Rhode Island Baptists.

The first Commencement was held on September 7, 1769, in what was then the College's home, the Baptist Meeting House in Warren, Rhode Island, 10 miles south of Providence. Seven young men were awarded degrees. The institution moved to Providence the following year, and 1804 it acquired its present name in honor of a major benefactor, Nicholas Brown of Providence, class of 1786.

For the six years prior to the Declaration of Independence, Commencement ceremonies were held in Father Snow's Meeting House in downtown Providence, now Beneficent Congregational Church. In 1776 the ceremony moved to the First Baptist Meeting House, built in 1774–75 to house the oldest Baptist church in America, founded by Roger Williams in 1638, the second year of his exile from the Massachusetts Bay Colony. The meeting house was erected "for the publick Worship of Almighty GOD and also for holding Commencement in." A National Historic Landmark, it was completely restored in 1958 through a gift from the late John D. Rockefeller Jr., class of 1897.

In the early days Brown's Commencement was known as "the festival of Providence," widely attended by enthusiastic townsfolk. So disorderly was their conduct that in 1791, the Rhode Island General Assembly passed a law requiring the high sheriff of Providence County to attend all Commencements "to preserve the peace, good order, and decorum in and about the Meeting House." The law still stands and the sheriff still marches, identifiable by his full evening dress, high silk hat, blue sash, and sword.

During the 20th century, members of Brown's alumni classes began to hold their five-year reunions to coincide with Commencement weekend. Today more than 4,000 alumni and their families return to College Hill each year for a series of events capped by the Commencement procession on Sunday morning.

THE PROCESSION

Sunday morning, while the Commencement procession passes through Faunce Arch onto the College Green, the Brown Band begins to play the lilting "Brown Commencement March," arranged by the late Wally Reeves. The music is punctuated by the pealing of the College bell, which has rung from the cupola of University Hall since 1791; it is joined by the Meeting House bell, imported from England in 1775.

As the procession marches from the campus down College Hill to the Meeting House, it passes through the Van Wickle Gates, which swing open only twice a year: inward to admit the first-year class at Opening Convocation in the fall and outward on Commencement Day to discharge the degree candidates.

The parade is led by the chief marshal, a member of the 50-year reunion class, and by the chief and assistant chief of staff. They are followed by the color guard and alumni aides and marshals from various reunion classes. The men traditionally dress in top hats and tails, while women wear academic robes. The faculty, thousands of alumni, the graduating seniors, medical students, and graduate students, members of the Brown Corporation, invited guests, and the presidential party round out the mile-long procession. At one point, the procession stops and forms an inversion to allow each marcher to pass by all the others, to mutual applause.

THE OFFICERS

Prominent among the marchers are members of the Brown Corporation, the University's governing body, consisting of 12 fellows and 42 trustees. They can be identified by their large, floppy "trencher" hats, which were approved for use by the Brown Corporation in 1912 to provide a distinctive alternative to the traditional academic cap. Other colleges and universities have subsequently adopted the style. Robes, designed and adopted in 1968, are of the University's colors: seal brown and cardinal red, with black velvet trim.

Invited guests include candidates for honorary degrees, U.S. senators and congressional representatives from Rhode Island, the governor of Rhode Island, the mayor of Providence, and members of the city council, state legislature, and federal and state judiciary.

The presidential party – the president, the senior fellow, the chancellor, the vice-chancellor, and the chaplain – is led by a mace bearer who is a faculty member and a Brown alumnus.

THE MACE

Once a weapon used to crush an opponent's armor, the mace has evolved into a symbol of authority. Brown's mace, which weighs more than 20 pounds, was given to the University in 1928. It is adorned with symbols from Brown's past and with the names of its presidents and prominent 19th-century alumni. The mace is carried in processions at the opening of the academic year, at Commencement, and at ceremonies where honors or degrees are to be awarded.

ACADEMIC REGALIA

The president's academic gown, and the golden chain and pendant that adorn her neck, became the official presidential regalia during the University's bicentennial celebration in 1964–65; the robe was designed by the late Anne S.K. (Mrs. John Nicholas) Brown, an expert on military and ceremonial dress. The caps, gowns, and hoods of others in the procession represent a tradition of academic dress that began in the 12th and 13th centuries, when cold stone buildings housed medieval universities. The gowns were an adaptation of clerical garb.

ACADEMIC HOODS

A scholar's hood, worn around the neck and hanging down the back, denotes degree, field, and alma mater. The band of velvet circling the outer edge of the hood varies in width according to the highest degree attained: narrow for the bachelor's degree, medium for the master's, and broad for the doctorate. The color represents the field of scholarship: arts and letters, white; economics, copper; education and pedagogy, light blue; engineering, orange; humanities, crimson; law, purple; medicine, kelly green; music, pink; philosophy, blue; science, gold; and theology, scarlet. The hood is lined with the colors of the institution attended by the wearer. A Brown University hood is lined in seal brown crossed by a broad band of cardinal red.

THE CANE

The cane carried by the president of the Brown Alumni Association serves as the symbol of that office. It is made of oak taken from University Hall when the building was reconstructed during the 1880s.

COMMENCEMENT SPEAKERS

Unlike most colleges and universities, Brown imports no Commencement speaker for the College ceremonies. On the College Green on Commencement morning, two members of the senior class, selected by a faculty committee, deliver short orations.

CONFERRING OF DEGREES

The conferring of bachelor's degrees is accomplished verbally on the grounds of the Meeting House, and the presentation of symbolic diplomas comes later on the College Green. Still later in the day, the seniors receive their actual diplomas at separate disciplinary ceremonies.

The words spoken by the president on the grounds of the Meeting House are:

Socii honorandi: Juvenes quos ad gradum Baccalaurei idoneos comperimus, vobis praesentamus, et eos ad hunc gradum promovere liceat rogamus. Candidati ad gradum Baccalaurei auscultabunt. Auctoritate mihi commissa vos ad gradum Baccalaueri admitto, omniaque jura ac privilegia ad hunc gradum pertinentia, vobis concedo. In huius rei testimonium diplomata vestris conlegis in Collegii Gramine tradam.

continued on page 6

Honorable Fellows: The youths whom we have found to be qualified for the bachelor's degree we now present to you, and we ask that they may come forward for the awarding of the degree. May the candidates for the bachelor's degree listen attentively. Through the authority entrusted to me I admit you to the bachelor's degree, and all the rights and privileges associated with this degree I confer upon you. In testimony thereof I will presently deliver your diplomas to your representatives on the College Green.

After the president pronounces the awarding of the bachelor's degrees, all degree recipients return to the Green for the University Ceremony.

The Graduate School and Medical School have separate convocations for the awarding of master's degrees, Ph.D.s, and M.D.s.

THE UNIVERSITY CEREMONY ON THE GREEN

Following the senior orations, the ceremony takes place. The president takes her seat in the centuries-old Manning Chair, which once belonged to Brown's first chancellor, Stephen Hopkins, a signer of the Declaration of Independence and an early Rhode Island governor. It was used by Brown's first president, James Manning, and has seated successive presidents at their inaugurations and on Commencement Day. During the ceremony on the Green, the president bestows diplomas on representatives of each category of baccalaureate degree and then speaks this admonition: Videte igitur ut probe, integreque, in emolumentum rei publicae et in Dei honorem, ut decet eos hoc gradu honoratos vos geratis. "Take care that you conduct yourselves, with probity and integrity to the credit of the state and the honor of God, as befits those who have been honored with this degree."

The ceremony continues with the conferring of the honorary degrees. A benediction concludes the formalities on the College Green.

Separate diploma ceremonies, inaugurated in 1974, are conducted by department chairs immediately following the ceremony on the Green. Each ceremony is attended by the faculty of the department, the degree recipients, and their parents and guests. The ceremony sites are listed at the end of the Commencement program.

Candidates for Baccalaureate Degrees

BACHELOR OF ARTS

Nida Abdulla Kristina Maricela Acevedo Katherine Blackmar Adams Seira Ashley Adams ‡ Jeremy Paul Ader *Φ Graham Jacob Ahokas * Carolyn Marie Aker *Φ Ashley Jewel Alexander Daniel Wickerham Alexander *‡ Ana Almeida James Joseph Kalauapu Almony ‡ Samuel Jonah Alper Zachary Evan Alterman ‡ Sthefany Alviar Peter N. Amato Mariam Amin Anna Andreeva Samantha Rose Angaiak Norin Ansari Evelvn Anne Ansel * Haruka Aoki Sarah Maria Aoun Fatima Aqeel ‡ Noricia Arielle Aquino Inaki Arbeloa Castiella ‡ Carly Lynn Arison ‡ Heather Lee Arison ‡ Michael Christopher Arsiotis Elizabeth Anne Artley Alexander Morgan Ashe ‡ Alysha Swaim Aziz ‡ Raisa Aziz Lindsay Jane Babbitt Anita Shadia Badejo Jessica Veron Baer * Nicholas Eli Baer * Zachary Michael Bahr Richard Alan Bailey Jr. Gabriela Rose Baiter Christopher William Baker *Nancy Caitlyn Baker Rachel Ann Baker Alissa Anne Balano Hayleyanna Sequoia Ballerini Anna Margaret Baran Samuel Welner Barasch Dia Mustafa Barghouti ‡ William Barnet IV Samantha Barney * Atilio Barreda Jr.

* magna cum laude

- ‡ honors in concentration
- Φ Phi Beta Kappa (elected senior year)
- φ Phi Beta Kappa (elected junior year)
- Σ Sigma Xi
- T Tau Beta Pi

Giancarlo Barriocanal Agnes Jeannette Barrios Gabriel Barth-Maron Lara Breukelen Bass ‡ Arlando Jamal Battle ‡ Ethan Christopher Beal-Brown Kyle Stevens Beatty Noah Andre Beatty Andrew Eskay Becker * Blanca E. Begert Katherine Morrow Bell * Jared Dominique Bellot Karima Ben Aved Jessica Friedman Bendit *Φ Rachel Lea Benoit ‡ Lisa Meredith Berdie *‡ Melanie Lauren Berkowitz Ana Maria Bermudez Natalie Brittenham Berner Alexandra Marie Bernson Margeaux Lauren Berroth Chelsea Leigh Berry ‡ Jessica Rachel Biesel ‡ Conor Prim Biller Julianne Marie Bishop Miguel Angel Blancarte Jr. Daniel Shye Blaustein-Rejto Eve Marie Blazo Molly Elizabeth Bledsoe Jennifer Paige Bloom John August Boeglin * Hannah Tavormina Boettcher *‡Ф Ora Star Henderson Boncore Natalie Nicole Bonds Tyler Philip Borden Jeremy William Bourget Austin James Boxler Kathleen Sarah Braine Gillian Rose Brassil ‡ Saskia Brechenmacher $\ddagger \Phi$ George Abraham Brennan ‡ Raymond Daniel Bressler * Φ Maya Anne Bretzius * \$ Leah Bromberg ‡ Brandon James Broome Amber Elizabeth Joy Brown Anne-Catharine Helen Brown David Aaron Brown Parker Cabot Brown Taylor Richard Brown Alexander Thurgood Brownridge Marlee Louise Bruning William Tucker Bryan Adrienne Sayuri Buell John Paul Bui Kathy Nha Vy Bui Christine Kelly Bukowski Diahndra Kemala Ningrat Burman Malcolm Stephan Burnley Sean Hack Burns Matthew Cocco Burrows Mark Alexander Burwick Julia Megan Cabral Fei Cai *ø Kristen Lee Caldarella Elizabeth Grace Caldwell *‡Φ Maria Karolina Cambanis Tamara Cameo

Bernardo Brennand Campos *Φ Norian Caporale-Berkowitz *‡φΣ Stephen Kerins Carmody *‡ Katelyn Marie Caro Juan Carlos Carranza Leigh Livingston Carroll Jordan Micah Carter *‡ Nicholas Brandon Carter Samantha Alisha Carter Samuel Klimke Carter *‡ Laura Noelle Casselberry Leanne Frances Catalano Alejandra Ceja Michael William Cerqueira Molly Claire Chambers Cathy Keit-Ning Chan Ling Hei Chan Steven Chan Cassandra Beatrice Chang Daniel Sungchul Chang David William Chanin Lizette Chaparro Ashtin Cassios Charles Priyanka Chatterjee Brittaney Jiraporn Check Alicia Chen $\ddagger\Sigma$ Amy Yinghong Chen Andrew Chen Junli Chen ‡ Yelen Ama Chihombori Quao ‡ Patricia Ming Chou Ruby Grace Quileste Chu Julia Chua Gloria Eun-Sun Chun Chan Siu Chung * Donna Wing Tung Chung Shing Hin Lawrence Chung Stanislava Chyzhykova Katherine Marie Cielinski ‡ Ian David Clancy Kaila Rose Clarke * Veronica Marie Clarkson ‡ Natacha Lee Clavell Michael Douglas Schar Clemente Christopher Adamson Cohen Innessa Marie Nelson Colaiacovo *‡0 Abigail Lynn Colella Marques Andrew Coleman Hudson Linwood Collins Fiona Rose Condon *Φ Caitlin E. Conn Alexander Samuel Conway Sara Bryant Coomes Erika Cordova Alexandra Amelia Corrigan Rosa Sotelo Cortez Anna Carolyn Olson Costello *φΣ Allison Cadden Courtin Alexander Baird Crane ‡ Lauren Elizabeth Crapanzano Ann Elizabeth Crawford-Roberts *‡ Jara Alexa Crear Brian Charles Cross Danielle Nicole Crumley $^{*}\Phi\Sigma$ James Scott Crystal Lara Caroline Crystal-Ornelas ‡ Natalie Ann Cummins Kaley Nicole Curtis

Gavriel Enrique Cutipa-Zorn Jeremy Dakota Cutting Eric Michael Dahlbom Julia Rose Barusch Dahlin Katerina Dalavurak Brooke Goldie Dalury Nicole Danit Damari Steven Tabak Damiano Aileen Cecelia Daniels Benjamin Langham Dann Katherine Rose Dapper Jodi-Ann Antonette Dattadeen Daniel Cady Davidson Kathryn Anne Davis ‡ Caroline Maitland Lynch Dean David Ordway Dean Samantha Paulina DeAndrade Christina Marie DeBenedictus Clare Elizabeth de Boer ‡ Emily Ann DeCiccio Christopher Giuseppe DeCola Alexandra de Jesus Krongkamol Marie deLeon Marco Andre Barbosa De Leon Andrew Dickinson DeLollis James Emmett DeMoss ‡ Alison Irene Dempsey Sarah Anne Denaci ‡ Jordan Birks DePetrillo Steven Thorpe Depew Monica Renee DeSantiago Rajdeep Singh Dhaliwal Helen Adriana Diagama Michael James DiBiase Dominique DiCristo Andrea Balcar Dillon Peter Thomas Dipippo Kathy Diem-Thi Do William Lim Do Babatunde T. Doherty Shea Kamyck Donie Nehal Sailesh Doshi Silvia Gondim dos Santos Pereira Andrew Preston Doty Stephen Matthew Doucet Amanda Elizabeth Dowden Katherine Casey Doyle ‡ Adam Scott Driesman Σ Julia Kwon Duch Matthew Kevin Duffy Elizabeth Courtney Dummett Melissa Anna Dzenis ‡ Allison Ann Dziuba ' Kaitlin Elizabeth East ‡ Samuel Krupp Eilertsen Nathan Johnson Einstein * Φ Michael Afamefuna Ejike Rosalie Margaret Elkinton Marquita May Ellis Michael Haynes Elnick Thomas Bruce Elnick Taylor Dodge Emanuels Sydney Erin Ember * Adam Robert Engel Marc Boaz Englander Meredith Paige Epstein Will S.W. Epstein ‡ Emre Baran Ersolmaz

Aurelio Tobias Cameron Espinosa ‡ Pamela Megan Estes Alice Marie Esteves Nikilesh Eswarapu Sarah Elise Evelyn Nkechi Christine Eze Nicholas Matthew Faber Nikoo Fadaifard Natalia Fadul *‡ Φ Kathryn Fairhead William Peter Fallon III ‡ Chloe Alexandra Fandel Benjamin Jules Farber Robert Telemachus Farnham Melvin Farr Hunter Riley Fast Kristina Marie Fazzalaro Lauren Patricia Fedor *Φ Elizabeth Claire Feidelson ‡ Jonathan Marc Feldman Jamie Yves Ferguson Gabriella Aurora Ferrari *‡ Φ Mica Macks Fidler *‡ Spencer Waldron Fields Annika S. Finne *‡Φ Jamie Renee Firth Jonah Chaim Fisher Michela Andrea Fitten William Crane Fix Julie Ilyse Flanzer Gabriel Bockhoff Flateman Nicola Di Fleischer *Φ Alexander James Fleming Roseanne Jennifer Fleming Tiberiu Lucian Florea *Φ Eric Flores Kevin Walker Foley Dwayne Corey Ford Lynn Ann Forrester Sarah Jane Foster Audrey Ellis Fox Kelly Xenia Fox * Anthony Rudolph Franco Martha Carolina Franco Jesse Gerard Frank Jennifer Anne Frary Nicole Elise Frazer Andrew Francis Freidah *Φ Laura Suzanne Fried * Scott Matthew Friedlander Gabrielle Marie Friedman Nicole Wallerstein Friedman *Φ Sophie Roslyn Friedman Melanie Ruth Friedrichs Loren Tresselt Fulton * Natasha Catherine Gadinsky Casey Elizabeth Gahan Gianni Vincent Galbiati Ryan James Galer Ayana Naeema Gallego Katherine Ann Galvin Xuan Gao Ari Alexandra Garber Angelika Garcia Brooke Lindsy Garcia Joshua Rene Garcia Lorena Carmen Garcia ‡ Colette Matison Garrigues

Cyril Sergei Gary ‡ Sarah Lee Gassel Lena Gaviria John Richard Gayton Jessica Penelope Sewell Gebhard John Thomas Geiger Jacob Matthew Geller Matthew David George Christopher Evan Gill Robert Charles Gillett Jr. Annika Ringman Gliottone Kathryn Ann Goddard Erika Maria Gomez * Anish Chandra Gonchigar Σ Daniel Pierre Gonon Nikolos Joseph Gonzales ‡ Elizabeth Gonzalez Robert Jacob Gordon-Fogelson *‡Ф Jason Quejin Gorelick Taylor Hamilton Gorman Mark Joseph Gormley Tameka Cassandra Goulbourne Brianne Allen Goutal Clementine Allen Goutal Ian Thomas Gray ‡ Michael Stephen-Lewis Gray William James Gray III James Douglas Merrill Green Σ Kathryn Frances Green *‡ Brigitta Lily Greene Mark Edward Grimm Margot Stacy Grinberg Sarah Suzanne Grossman Eric Matthew Gruebel *‡6 Deepali Gupta Jennifer Christine Gutierrez Jessie Gage Hackford Brendan Hodges Hainline *Φ Lydia Landau Halpern Mark Louis Hammer Iohn Havward Hammond * SolAh Han Charlotte Amanda Hansen ‡ Henry Bushnell Harding Olivia White Harding *6 Jason Chisholm Hardy Alexander Weldon Hare Jennifer Brittany Harlan *‡ Ian Jiro Harris Jamie Lynn Harris Jean-Herbert Bernard Harris Shavonne Noelle Hart ‡ Victoria Ashley Hartman Isabel Rose Harvey Sardis Honoria Harward Aamer Saifuddin Hassanally Katherine Alexandra Haves James Stockfleth Hayward Stephen Charles Hebson Anna Beatrice Heery David Hefer ‡ Naomi Gail Heilweil ‡ Caitlin Rose Heising Samuel Daniel Helman Reuben Frost Henriques *‡ø Hector Hernandez Cassandra Rae Herzberg Mariel Kathryn Heupler ‡

Joshua Samuel Himmelfarb Chahnev Gracelvn Hinds Marisa Ann Hobbs *Φ Laurielle Lindsay Hofer Stephanie Soojung Hong Yeon Seung Hong ‡ Samantha Keller Horneff Hadley Hartford Hornig Adam Ryan Howard Valerie Kang-wei Hsiung Han-Chi Hsu ‡ Tiffany Lin Hsu Betty Hua Caroline Elizabeth Hughes *‡ Michelle Seekay Hui James Steven Hunter Rachel Cahners Hunter *Φ Robert William Hunter *Φ Elizabeth Jane Hutsell Eugene Jinray Hwang Φ Judy Hwang Mary Catherine Hyde Charles Hirose Hyman Liam Patrick Hynes *6 Laura Carroll Iacovetti Silvia Ibrahim Mariya Maksatovna Idenova Dimitrios George Ikonomou ‡ Ana Marisol Im Paul Nicholas Ingelmo Adriana Isaza Jacob David Billage Isbell Momoko Ishiguro * MariaLisa Sheridan Mills Itzoe *‡ø Nicolas Jaar ‡ Lance Michael Jabr Raymond Daniel Jackson Jeremy Sullivan Jacob ‡ Aaron Freedman Jacobs * Φ Amit Jain *Φ Milford Francis James III Sean Patrick Jameson Madeline Jans-Neuberger Sami Ali Jarbawi Matthew Jenkins Jaroszewicz Robert Lucas Jeffrey Jeanne Katarina Jeong *‡ Jong Woo Jeong * Ramsey Wawa II Jeremie Parth Sajjan Jindal Bart Daniel Johnsen-Harris Evan Patrick Johnson Samuel Garvey Johnson Michelle Leigh Jolliffe Anna Elaine Jones Σ Brittany Elaine Jones Emily Carolyn Jones Anna Jouravleva *Φ Lubin Juarez Jr. Timothy Young Juhn Sarah Josephine Julian

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‡ honors in concentration

- Φ Phi Beta Kappa (elected senior year)
- φ Phi Beta Kappa (elected junior year)
- Σ Sigma Xi

T Tau Beta Pi

8

Molly Alison Junck Nolan Barr Just Talia Elizabeth Kagan Allison Leiko Kagawa Matthew Alexander Kahn Sophie K. Kainen *‡Φ Stefan Kaluz Jr. Veronika Tihomirova Kamenova Julia Cassia Kantor *‡Φ Mrinal Kapoor ‡ Samuel Karshenboym ‡ Tyler Myles Kasindorf-Mantaring ‡ John Marshall Katheder Kara Ann Kaufman ‡ Brandon Michael Kaufmann * Leora Kalandra Kava Hana Dowden Kawai Katie L. Keady Vikram Kedar Alexandra Warren Keegan ‡ Meghan Mary Kelleher Julia Amanda Keller Taylor Walton Kelley *‡ Brian Patrick Kelly Edward William Kelting *6 Dylan Taylor Kennamer Paul McMurry Kernfeld Alyna Tanveer Khan ‡ Azar Kheraj * Janine Ramsey Khraishah *‡ø Alyssa Mariette Kichula ‡ Durre Shahwar Kidwai Lawren Claire Kieffer Clara Sophia Kiely Amanda Najung Kim Boyoung Bonnie Kim *Φ Do Hyun Kim Donald T. Kim Hyo Jean Kim Hyun Jae Kim Iulia Sunmi Kim Niwaeli Elisante Kimambo ‡ Graciela Maria Kincaid * Brittany Kimmie King Danyelle Farryil King Maria Vladimirova Kinkina ‡ Jamison McKie Kinnane Rachael Evonne Kirkwood Jessica Morgan Kirschner Paige Rhea Kirstein Matthew Jordan Klebanoff *‡ Σ Gili Leore Kliger ‡ Erika Donath Kohnen Alexandra Helena Kolbe Jacob Albert Koning Armenui Kotandzhyan Rachel Michele Kourey Jennifer Mary Kovnats Amanda Danielle Kozar Maria Krezia Alex Ross Kryger Radhika Kumar Alina Kung ‡ Ka Chun Kung Yukiko Kunitomo *‡Φ Justin Matthew Kuritzkes ‡

Naomi Pauline Kuromiya *‡

Darin Kurti

Sadie Bethany Kurzban *Φ Benjamin Hokyon Kwak Yea Eun Kwak Bethany Michele Kwoka Mariagrazia Caterina LaFauci Riley Patrick La Forge Brandan Lai Jessica Lynn Lake ‡ Vanessa Wing Yun Lam Rachel Emily Lamb *‡ø Luke Iverson Landers **Tomas Landes** Katelyn Marie Landry Lisa Kristiina Lansio Matthew Burnell Laponte *‡ Corinne Nichole Larsen ‡ Spencer Kaiulani Lass McAndrews Natan Morel Last ‡ Nicholas Brett Laster Matthew Harris Lawrence Leland Marcellus Lazarus Andrew Michael Leber *Φ Patrick Michael Lec Amber Lynn Lee Han Woong Lee *‡ Han Yang Lee Jasmine Camille Lee Kyung Eun Lee Pamela Janis Lee *Φ Suk Il Lee Yeein Jennifer Lee Jonathan Isaac Leibovic Jeffrey Dion Lemmer Andrew Robinson Lenoir ‡ Mary Elizabeth Lesbirel Rvan David Lester Gabriela Teresa Lester-Coll John Sewell Leveris David Jeremy Levine Ethan James Levine Rebecca Herman Levinson Ethan Oliver Levy Sarah Alexandra Levy *‡ Sarah Liliane Levy Sarah Elizabeth Lewis Solina Ann Lewis-Goldman Chenxi Li Sophia You Li ‡ Stephen Bernard Lichenstein Benjamin Adam Lichtner *‡ Rebecca Chabot Lieberman Simon Pavel Krengel Liebling * Matthew Edward Lifson *Φ Jhong Hyuck Lim Charles Anthon Limido Brian P. Lin Olivia Esme Linden $^{*}\Phi\Sigma$ Kerstin Rae Lindstrom *Φ Alejandra Eloiza Lindstrom Peralta ‡ Sylvia Victor Linsteadt *‡ Scott Misheloff Linstone Carlo Heftel Liquido Tavis Jason Liu Theodora Elesa Liu Sara Elena Llansa Sergey Lobatch Annie Rose London Tatiana F. Lopes

Damaris Lopez Daniela Lucila Lopez Goicochea ‡ Christie Louie Nathan Blinn Lovett Candice Low Maxwell Solomon Lubin Elisabeth Paula Lucas Elizabeth Marie Lund Cindy Ka Yan Lung Glenn Hirsh Lutzky Sean Holland Lyness Daniel Zheng Ma Howen Etienne Ma Terrence King-Hang Ma Leslie Maazel Jack Arthur Maclellan Samuel Wyatt Magaram Calvin Douglas Main ‡ Austin Michael Mandel Adelaide Adams Mandeville ‡ Michael David Manella Hannah Rose Mann * Peter Alexander Mans Eric Henry Marceau Catherine Mary Mardula ‡ Alexander Paul Marino Samantha L. Martin ‡ Juan Jose Martinez-Hill Melanie Masarin³ Christine Kay Masini Sandra Gavle Mastrangelo Anna Carolyn Matejcek *Φ Lillian Hanna Mathews ‡ Lissa Renee Mazanec ‡ Michael Stephen Mazerik Rebecca Abigail Mazonson *‡Ф Rachael Ann Mazzella *Φ Jennie Victoria Mazzucco * P Colleen Jordan McDonald *‡ Φ Ashley Rose McDonnell Briana Leigh McGeough Kaela Anne McGilloway Rebecca Anne McGoldrick Rebecca Elizabeth McGoldrick Sean Patrick McGowan Jr. Clavton John McGrath Sam Martin McGrath Duncan Cameron McHale Kaleigh Patricia McKinney Emily Mostefai McLaughlin ‡ Reed Coleman McNab Bridget Kathleen McNamara * Andrea Lee McWilliams Katharine Nathalie Mead Shawn Damien Medford Louis Michael Medina Natalia Medina Leila Rashed Meglio * Jaclyn Nicole Melicharek *S Araceli Méndez ‡ Jean Hazel B. Mendoza ‡ Venkat Swaroop Mendu *Φ Emily Ruth Mepham ‡ Michelle Elise Meyers *‡ Frederick Noble Milgrim ‡ Austin Lee Miller Rosemary Anne Miller Yeshimabeit Iniyah Milner ‡

Phoebe Min Geoffrey Thomas Mino Lillian Francesca Harmon Mirviss Alexander Clark Mittman Mari Ayako Miyoshi * Carmen Maria Moedano Vance Etienne Alexand Monet Eugenie Dickeson Montaigne *‡ Emily Nash Moore Lansing Dongan Moore Jr. Camila Lima de Moraes * Julia Rae More * James Malachy Morris Jr. Meredith Bess Mosbacher Kia Rita Mosenthal Hannah Jeanne Moser Nina Claire Mullen * John Edward Murphy Jacob Matthew Murray Lily Mkanjala Mwalenga Edward Harris Myerberg ‡ Viktoriya Mykolenko Aaron Yoon Nam *Φ Timothy Conklin Nassau *‡ Kim Marion Nates Timothy Joseph Natividad Sandeep Manel Nayak Renee Elizabeth Neely Kathryn Sarah Nelson Ralanda Anais Nelson Robert Gabriel Nelson *‡ Irene Villanueva Nemesio *‡ Sophie Gabriella Rose Netanel ‡ Kyle Newhall Michelle Ngo Quyen Hoang Ngo ‡ Thuy-Mai Vu Nguyen ‡ Lorraine Broussard Nicholson ‡ Halsey Fernald Niles Jaeyeon Noh Tung Thanh N'Vietson Jr. Christopher Paul Oates John Eric Oberbeck Madisen Elizabeth Obiedo Daniel Patrick O'Brien Shannon Lee O'Brien ‡ Matthew Martin O'Donnell Stefan John Offermann Kaori Ogawa Munachimso Okoronkwo Okoji Edward Linton Orf Elizabeth Anne Orr Julie Ellen Osburne-Rothstein Kacie Sarah Overlander Louisa Patterson Paine ‡ Stephanie Hyun Pak Gabriel Chanan Paley Maria Ioanna Pantelaki Seton Emily Pariser Ha Young Park *Φ Julian Francis Park ‡ Shannon Lynn Parker *‡ Nicole Cherí Parrish ‡ Melanie Lauren Pascal Hannah Rose Passafuime Shawn Thomas Patterson Jr. ‡ Timothy Dylan Peacock Chennan Peng *

Andrea Ivelisse Perez Ellen Pauline Perez Julianna Perez Kristina Misumi Petersen * Beatrice Maria Luisa Petit Bon Stephen Douglas Peyton Ngoc Hong Pham *Φ Maria-Cecilia Del Castillo Pineda Aditi Pinto Adrian Mark Pio Julie Carol Pittman Melanie Ann Plante Katherine Wassell Pleet Σ Thanases George Plestis * Charles Joseph Pletcher II *‡Ф Adam Ian Pliskin Margaret Eileen Polanin Cynthia Vanessa Pollack ‡ Douglas William Poole ‡ Teodoro Julian Popolizio Jennifer Nicole Popp David Solomon Poritz *Φ Ryan Michael Potocki Julia Kathryn Potter *Φ Daniel Prada Vasundhara Prasad Lara Elizabeth Press Alexander Pearce Prestley Joanna Helen Price Kirstin Alanna Purtich *Φ Serena Rose Putterman ‡ Paige Quinn Pyett Sofia Elena Quesada Molly Donovan Quinn Hector Ramirez *‡Ф Catalina Ramirez Hernandez Erika Paola Ramos Diego Ramos Rosas Katherine McClain Rand ‡ Adrian Quetzal Randall Loyola Jean Rankin ‡ Andrew Clayson Rapp Seth Daniel Ratner Ethan Charles Reed *‡ Rachel Marris Reeves *‡ Jonathan Aaron Regunberg * Dana Caitlin Reilly Jennifer Lind Reilly Harry Benjamin Reis Mathew Anselmi Reiss Alice S. Ren Ari Bearinger Resnick Joseph Kyle Rettig Julio Cesar Reyes Jr. Hobart Christopher Reynolds Yoo-Jin Rhee Edward Stallknecht Rice Jocelyn Anne Richards ³ Colby Spencer Richardson Laka G. Richardson Joseph Jae Rim Frank Anthony Rinaldi ‡ Marie Ripa Ned Robert Riselev Luisa Robledo Soto Alyse Marie Rocco Jose Miguel Rodriguez ‡ Luis Eduardo Rodriguez

Miguel A. C. Rodriguez Tyler Elliot Rodriguez Joshua Rodriguez-Srednicki Brianna Caroline Rogers Tyler Jackson Rogers 3 Agathe Marie Laurence Roncey Patrick Alan Rooney Elizabeth Marie Root Cara Freedman Rosenbaum Samuel Aaron Rosenfeld Hilary Robin Rosenthal Maxwell Caye Rosero Joseph Roth Rosner Emma Jane Roth *Φ Joshua Joseph Rowe ‡ Edjola Ruci David Ethan Rudin Aaron Matthew Ruffin Carly Camille Ruiz Juan Manuel Ruiz *‡ Sarah Dodge Rutherford *‡ø Samantha Hwae Jin Ryu Frederik Ali Sachs Mohammad Abdullah Haroon Saigol * Cecilia Angeli Salama ‡ Andrianna Danielle Salazar ‡ Stephanie Saldarriaga $\ddagger \Sigma$ Jasleen Kaur Salwan *‡Φ Alexandra Mina Shang Salzman Anna Elizabeth Samel *‡ Φ Hillary Anne Samuels Emely Rosa Ana Santiago Sosa Angela Daniela Santin Ceballos Christina Anne Santoro Kate Iris Sapirstein *‡ Cayla June Saret *Σ James Beauman Saros Kalliopi Maria Sarris ‡ Gordon Watters Sayre Susan Farrell Scavone Nicholas Kent Schamp Andrea Misa Scharfen Erin Marie Schikowski ‡ Isaac Alexander Schlecht Robert Matthew Schlesinger III Elizabeth May Schmidt Rosalind Jane Schonwald Jacob Aaron Schorr Benjamin Vose Schreckinger *Φ Hadley Graves Schreiber Lindsey Elizabeth Schupp *Φ James Anthony Schurz Corey Michael Schwartz Sena Secilmis Lucia I. Seda * Lucy Ames Sedgwick Joshua Barrett Serene Ellen Shadburn Allison Rose Shafir Akash Jogen Shah Nathaniel Sam Shapiro ‡ Sam Henry N. T. Sheehan ‡ Julia Sheehy-Chan *‡ø Nicholas J. Sherefkin³ Timothy Luke Sherwin Diana Shifrina * Dongho Shin

Caroline Elisabeth Sholem Leor Sarah Shtull-Leber * Carmen Elizabeth Shulman Rachel Sarah Shur * Michael James Shuster Andrew Wei Ping Sia Lilly Virginia King Siems ‡ Alexandra Rachel Silversmith Sydney Lauren Silverstein * Caroline Elizabeth Silvestri * Parker Waite Silzer IV Yan Liang Sim Σ Emily Claire Simmons Ryan Lawrence Sims Andrew Robert Singer *Φ Olivia Ruth Singer ' Skyelar Brook Siwak Sabrina I-Mei Skau *‡ Kayla Alexandra Skinner Sarah Caitlin Sklar *‡ Christina Jane Skonberg Jonathan Michael Smallwood Jarred Taylor Smith Kayla Michelle Smith ‡ Matthew Elias Smith Matthew Paul Smith Richard Lee Smith III Sammy Benjamin Smith Daniel Timothy Smithwick Lauren Whitney Snyder Catherine Jion So Sarah Elizabeth Sofman ‡ Chelsea Lyn Sokolow³ Luis Ricardo Solis Panpan Song ‡ Soojeong Song Siriporn Sophonpanich ‡ Victoria Anne Soto Rebecca Elizabeth Soules *‡ø Caroline James Soussloff Anne Catherine Speyer * Sasha Rebekah Spielberg ‡ Gianna Marie Spinelli Leslie Draycott Springmeyer Melanie Bess Staehelin Anna Elisabeth Stancioff Blair Elaine Station Taylor Ellsworth Stearns Lindsay Allyson Steele ‡ Emmanuel Victor Steg ‡ Risa Danielle Lehrer Stein *‡ Φ Jason Harris Steinbach Jennifer Felicity Steinfeld Sarah Jane Stevens Catherine Antonia Stewart Caitlin Mulligan Stone Samantha Taylor Stortini Fritzi Imogen Strauss Haley Michele Strausser Julia Margaret Alice Streuli ‡ Kathleen Ashley Strobel Matthew William Sudfeld Sangah Suh Brittany MacKenzie Sullivan Chloe Leia Swirsky * Elizabeth Rose Sywak Tracy Abbott Szatan *‡ Justyna Szulc

Alexander Macleary Tabloff *Φ Michael Charles Tackeff Abigail Augustus Taft Jenny Jing Tan Kening Tan *‡Φ Jennifer Sayuri Tanaka Eliot Tai-Sun Tang-Smith Rebecca Walls Tassell Stephanie Shujun Teo *‡Ф Alyssa Belline Thelemaque ‡ Kevin Spencer Thomas Nathanial John Thomas Elizabeth Anne Thompson ‡ Tashyana Michele Thompson ‡ Etna Anakari Tiburcio John Joseph Tiernan Alexander Lok Yan Tin Imani Carla Tisdale Nicolle Marie Toledo Cos Bradshaw Tollerson ‡ Ivan Tomic *Φ Yuri Tomikawa *‡ Jonathan Shaun Topaz * Dayna Marie Tortorici ‡ Mohamed Alexander Tounkara Melissa Blaine Tovin Daniel Garrison Towne Caleb Fuerst Townsend Jesse Louis Avino Towsen * Amy Thanh Tam Tran Christian Jeffrey Trautwein Dow Anthony Travers Dylan Thomas Treleven Nora Taylor Trice Gabriel Esther Trilling Elyse VyVy Trinh Caitlin Lundy Trujillo Robert Trujillo III Vivian Truong ‡ Joschka Manuel Tryba Lauren Amanda Tucker Landon Ray Turley Peter Lenard Wilson Tyson Natalie Sujani Uduwela Patricia Lauren Aduana Umali Sofia Marie-Santos Unanue * Christopher Armando Rodrigues Unseth ‡ Anthony Urena ‡ Samuel Tobias Usher Dmitry Vagner Anshu Vaish Derek Ryan Vance Hilary Rutherford Vandam Michelle Corinne Vander Ploeg Kathryn Nicole Vastola ‡ Lamia Nirvan Veerasamy ‡ Ian Charles Veidenheimer Margarida Berta Veiga Daniel A. Velazquez Gypsy Starr Vidal

* magna cum laude

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Brady Christen Wyrtzen Christopher Steven Yamane ‡ Samuel Joel Yambrovich * Bryan Lee Shray Yang Hee Seung Yang Robert Harrison Yass Jeremy Chun Lam Yau Andrew Scott Yazmer Lindsay Ann Yazzolino Margaret Ren Yi Qian Yin Sachi Yokose June Lee Yoon * Stephanie Yoon Stefan Svetoslavov Yordanov Brandon Scott Yoshimura Bobby Gene Yow II Jenny Chin Yu Tianxiao Yue Alexander Patrick Yuly Tiffany Janelle Yundt Alexander C. Zamudio Leandro Augusto Terra Zaneti Francesca Lee Zetar Adam Zethraeus Anqi Zhang *‡ø Yingsi Zhang Juan Pablo Zhen Lio Yutian Zhou Sarah Molly Zweifach

BACHELOR OF SCIENCE

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Jeffrey Lawrence Herman ‡ Amanda Lindsey Herrmann ‡ William Hile Herrmann *Σ Ethan Patrick Hickey William Paul Hicks ‡ Siffat Hingorani Julius Andrew Ho James Francis Hoehlein Daniel Alexander Hoff ‡Σ Edward Ryan Horton *‡ Leslie Ann Howitt $\ddagger\Sigma$ Emily Kuan Hsieh Andrew Joseph Hsu ‡Σ Mark Yeqing Hu Taoyun Hua Fuyi Huang *‡ΦΣ Russell Masters Huang ‡Σ Meghan Samantha Buckley Hughes $\ddagger \Sigma$ Olivia Rose Humbarger $\ddagger \Sigma$ Thomas Paul Iadecola *‡Σ Ezinne Jane Ihenachor $\ddagger \Sigma$ Zintis Raimonds Inde $\ddagger \Sigma$ Natalie Rie Inoue Karine Ip Kiun Chong *‡ΣT Morgan Ivens-Duran $\ddagger \Sigma$ Sameer Subramanian Iyer *Φ Alexander John Jacobs Mark Andrew Jacobson Ann Katherine Koby Jaskiw Colby D. Jenkins Elise Jiang *‡ Michelle Jimenez Shenghua Jin Warren Bruce Jin *‡T Faiz N. Jiwani Timothy George Johnstone $\ddagger \Sigma$ Jennifer Yeesun Ju ‡Σ Joshua Edward Jubelirer *‡ Σ Jenna Suzanne Kahn *‡ Laura Gabriela Kammel ‡Σ Jonathan Teng Leng Kang * $\ddagger \Phi \Sigma$ Simren Kaur Kanwal Chien Wen Kao * Ryan Jonathan Kaplan * Shadia Karim Ivan Kaspruk ‡Σ Brittany Lynn Katz Σ Amanda Holloway Kautz Σ Jason Kaye *‡ $\Phi\Sigma$ Clare Lang Kearney $\ddagger \Sigma$ Lisa Ann Khanna Terry Lynn Kho ‡Σ Charles Jung-woo Kim $\ddagger \Sigma$ Justin Hoonil Kim ‡ Stephanie Yugene Kim Daniel Paul Kimmel Sara Ganim Kinslow $\ddagger \Sigma$ Daniel Mark Klufas *‡Σ War War Flora Ko ‡ Angad S. Kochar $\ddagger\Sigma$ Won Hoe Koo * Kevin Thomas Koopman ‡ David Koren *‡φΣ Michael Robert Kossey Σ Chinmaya Kulkarni Andrew Richard Kunas Σ Yosuke Kurokawa T

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 Φ Phi Beta Kappa (elected senior year)

Yuli Zhu ‡Σ

- φ Phi Beta Kappa (elected junior year)
- Σ Sigma Xi
- T Tau Beta Pi

Johnathan Viet Tran * $\pm\Sigma$ My Tuyet Thi Tran * $\pm\Sigma$ Amy Elizabeth Traver ‡ Kathryn Ries Tringale ‡ΣT William Hoc Trinh Jonathan Vinh-Phu Truong *‡2 Derrick Ronald Tsang Carmen Loretta Tubbesing *‡ Megan Marie Tuohy *Φ Ibrahim Turdu Will Graham Tyler ‡ Arman Uguray Gary Oscar Vargas ‡ Andrew Jeffrey Varone ‡ Nicholas Anthony Varone $*\ddagger\Sigma$ Alyssa Bianca Tan Velasco ‡Σ Amanda Nicole Vernon ‡ Gabriela Maria Villanueva ‡ Karina Estevanez Villanueva ‡Σ Indu Sitala Voruganti ‡Σ Thanh Thao Thi Vu ‡ Michael Louis Wagman *‡ $\Phi\Sigma$ Allison Sara Walker *‡Σ Evan Wallace * Lingke Wang * oT Na Wang $\ddagger \Sigma$ Tianshu Wang *Φ Melissa Beth Warstadt ‡ Miyako Watanabe Caroline Hagan Webb $\ddagger \Sigma$ Andrea Kristina Weber $\ddagger \Sigma$ Jeffrey Heller Weinreb Σ Thomas Max Weinreich *‡ James Woodward Weis *‡ Matthew Jacob Weisberg Zoe Freeman Weiss ‡Σ Chelsea Lynn Welch Σ Parker Akira Wells Reid Thomas Westwood T Peter B. Wilmot Catherine Margaret Wilson * $\pm\Sigma$ Evan Michael Winget Justin Mahoney Wolfe $\ddagger \Sigma$ Kara Hedian Woo Σ Kaytlin Blair Woodman Madeline Jean Wozniak Σ Dominic Jebediah Wu $\ddagger \Sigma$ Mark Wu *‡ $\Phi\Sigma$ Chelsea Qiao-xi Xu *‡ΦΣ Chentong Thomas Xu * David Yu Xu ‡ Zemin Xu Mengfei Xue *‡ø Kathleen Guo Yan *‡ΦΣ Unikora Pyun Yang *‡φΣ Jennie Yoo ‡ Crystal Jing Yu Jovian Yu ‡ Jungju Yu Yue Yu Brent Michael Zajaczkowski *ΣT Jenna Alyssa Zeigen ‡ Lu Zeng Ang Zheng *‡ø Kevin Zheng *‡Σ Beini Zhou

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Mohannad Ali Arbaji Cheryn-Ann Chew * Φ Jared Max Lafer ‡ Adrian Urban Leanza Ross Ingber Leskin Zhi Li * Vaibhav Mathur * $\pm\Sigma$ Catherine Elizabeth McCarthy $\pm\Sigma$ Anne Baker Oram $\pm\Sigma$ Wei Qi ‡ Miranda Alice Sinnott-Armstrong * $\pm\Sigma$ Chaolun Song * $\pm\Phi\Sigma$ Rujapak Sutiwisesak $\pm\Sigma$ Sandra Elizabeth Torres ‡

Candidates for Advanced Degrees

MASTER OF ARTS

Joseph Kofi Francis Acquah Economics Maryanna Michel Aldrich Molecular Biology, Cell Biology, and Biochemistry Guillermo Jose Alves Temperan Economics Joy Ann Amaral ESL Education and Cross-Cultural Studies Theresa Christine Anderson Mathematics David John Andrews ESL Education and Cross-Cultural Studies Anna Aresi Italian Studies Kevin Michael Barry American Studies Jamie Marie Billings Hispanic Studies Kate Erin Blankenship Anthropology Brandon Bock Biology Marcelo A. Böhrt Seeghers Sociology Erika Lynn Bradbury Environmental Studies Emily Anna Bryant Public Humanities Chenxi Cai Economics Nicole Anne Cameron **Biostatistics** Allison Campfield Urban Education Policy Christopher Henry Carr Slavic Studies Mark Jonathan Cetilia Computer Music and Multimedia Poulomi Dhar Chakrabarti Political Science Yiming Chen Chemistry Zhuo Chen Chemistry Jessica Chery Molecular Biology, Cell Biology, and Biochemistry Marvhelen Rachel Chiulli ESL Education and Cross-Cultural Studies Elizabeth D. Chorabik Biology

[‡] honors in concentration

Ga Young Chung Sociology Corey Lynn Compton Chemistry Steven Fernando Corrales Urban Education Policy Geoffrey Cox Biology Emma Tsujimoto Cunningham Linguistics Telli Davoodi Philosophy Frank Carmine DelBonis ESL Education and Cross-Cultural Studies John Philip Delea III History Gustavo de Ugarte Biology Diego Felipe Díaz Rioseco Political Science James Timothy Dillon II Chemistry Christina Anne DiPrete ESL Education and Cross-Cultural Studies Diana J. Donovan Molecular Biology, Cell Biology, and Biochemistry Katherine Olivia England Environmental Studies Derek M. Ettensohn English Rena Joy Eudy Biology Karisha M. Ewell Urban Education Policy Melissa Amy Feinstein History Dorothy Louise Fibiger Chemistry Francesca Florio ESL Education and Cross-Cultural Studies Eric Thomas Foster German Studies Samuel Weil Franklin Public Humanities Tania Lynn Franks Biology Jinxia Fu Chemistry Carrie Ann Funk Biology Yan Gao Chemistry Christopher Kenneth Geggie Classics Enas Mustfa Ghulam **Biostatistics** David Aaron Glick Economics Carmen Cecilia Granda Hispanic Studies Karl Joseph Granskog Biology Leah Greenblum Sociology

Isadora Grevan de Carvalho Portuguese and Brazilian Studies Aron Gyuris Molecular Biology, Cell Biology, and Biochemistry Alissa Jihane Haddaji American Studies Sandra K. Haley History Courtney Elizabeth Hall Urban Education Policy Kelsey Kirk Hambley Urban Education Policy Weeam Sameeh Hammoudeh Sociology Oddny Helgadottir History Alexis Damaris Henry Urban Education Policy Alvaro Hernandez-Sandoval Hispanic Studies Genesis Herrera Urban Education Policy Daoling Huang Chemistry Hongda Huang History Sarah R. Hughes English Perry Ronald Hull English Justina Hwang History Ananya Indurti . Biology Hendrik Peter Isom History Naomi Rae Jacobs Urban Education Policy Rachael Lee Jeffers Public Humanities Dong Jin Chemistry Colin Roy Johnson Political Science Rosario Magdalena Johnson ESL Education and Cross-Cultural Studies Lijin Joo **Biostatistics** Anja Jovic Comparative Literature Jonah Louis Kanin History Brendon Cowles Kapinos Biology Amy Lea Karwoski Public Humanities Pëllumb Kelmendi Political Science Michael Solomon Kideckel History Mert Kimya Economics Adam Charles Kotin Environmental Studies Abigail Margo Kretsch Urban Education Policy

Helene Kuhn Chemistry James C. LaChance Environmental Studies Jared Max Lafer Philosophy Corey Paul Lamoureux ESL Education and Cross-Cultural Studies Brooke May Lamperd History Juyoung Lee . Sociology Chen Li American Studies Dongguo Li Chemistry Yi Li Chemistry Diane Yontze Liu History Valeria Esther López Salazar Urban Education Policy Chang Lu American Studies Yao Lu Chemistry Alex Dale MacIntosh Chemistry Susanna Maria Mage Environmental Studies Robin Carmelita Maguire ESL Education and Cross-Cultural Studies Joshua Michael Marcotte Portuguese and Brazilian Studies Michelle Marie Marcus Economics April Marquis ESL Education and Cross-Cultural Studies Taryn Marie Martinez Environmental Studies Karina Mascorro Italian Studies Timothy Joseph Matthews Urban Education Policy Christina Lee McNamara Urban Education Policy Elysian Ives McNiff Public Humanities Jamie Lynn McPike Sociology Judy Lynn Meissner Chemistry Lisa Marie Melo ESL Education and Cross-Cultural Studies Adriana Maria Mendoza-Garcia Chemistry Xiangling Meng Chemistry Sally Meyers Economics Sara Ann Mickelson Urban Education Policy S. Hollis Mickey Theatre and Performance Studies Brandeise L. Monk-Payton Modern Culture and Media Ana Gloria Montalban ESL Education and Cross-Cultural Studies Bruno Penteado Natividade Moreto Comparative Literature Erica Moretti Italian Studies Tomoaki Morikawa American Studies Isadora Moura Mota History Ashley Marie Mudd Chemistry Marguerite Eva Muñoz English Gayathri Muthukrishnan American Studies Andrea Frances Nate Hispanic Studies Andrew James Naughton English Crystal Ngo Public Humanities Thanh Chi Nguyen **Development Studies** Bo Ning Chemistry Timothy Edmund Nolan English José Ramón Ortiz Castillo Hispanic Studies Jana Kathleen Ott Biology Andrea N. Owens-Jones Political Science Jasmine Xueqin Pang English Oi Ying Irene Pang Sociology Lauren Elisabeth Papalia Portuguese and Brazilian Studies Caroline Hyon-Young Park Computer Music and Multimedia Magnus Pharao Hansen Anthropology Janet Phuong Urban Education Policy Gillian Worcester Porcella Urban Education Policy Amanda Elizabeth Preston Urban Education Policy Lindsay Arusha Efuru Priam Urban Education Policy Mohamed Yunus Rafiq Anthropology Sarah Margaret Reusché Public Humanities Emily Rachel Rodriguez Urban Education Policy Amanda Austin Rowley ESL Education and Cross-Cultural Studies Steven Charles Russo Neuroscience

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MASTER OF ARTS IN TEACHING

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MASTER OF SCIENCE

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Synapses in the Thalamus

Candidates for Honorary Degrees

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CAROLYN BERTOZZI Doctor of Science (Sc.D.)



Carolyn Bertozzi, the T.Z. and Irmgard Chu Distinguished Professor of Chemistry and professor of molecular and cell biology at the University of California– Berkeley, is regarded as the developer of bioorthogonal chemistry, a field that has

led to a large and important array of new research and clinical approaches. Using bioorthogonal techniques, researchers and clinicians can observe precise biochemical reactions to understand the function of proteins, the activity of viruses, and many interactions on the molecular level.

Bertozzi completed her undergraduate degree in chemistry at Harvard University in 1988, then earned her Ph.D. in chemistry at the University of California–Berkeley in 1993. After postdoctoral work at the University of California–San Francisco in cellular immunology, she joined the Berkeley faculty in 1996. She focuses on translating bioorthogonal chemistry into new approaches for in vivo imaging, disease biomarker identification, and biotherapeutic development. Several of her inventions have been commercialized for diagnostic and therapeutic applications.

Bertozzi was elected to membership in the National Academy of Sciences in 2005 at the age of 39, one of the youngest chemists ever to receive that honor. She is a fellow of the American Academy of Arts and Sciences and the German Academy of Sciences Leopoldina, the world's oldest academy for the natural sciences. Her awards include the Lemelson-MIT Prize, Ernst Schering Prize, MacArthur Foundation "Genius Award," and the American Chemical Society's Award in Pure Chemistry among many others.

Tu, o physica perspiciens, magistra egregia, fines studiorum dilatans, vere et omnibus collegis in disciplina scientiae et apud sapientes praestas. In prima adolescentia mysteriis naturae imbuta, in animo musica fieri habebas sed apud universitatem primo commota es delectatione compositorum carbonicorum. Quae studium chemiae bioorthogonalis invenisti, ab Oriente usque ad Occidentem operum causa novissimorum de affinitatibus corporum illorum quae in corpore humano parvissima sunt egregiam laudem recepisti. Uni ex iuvenissimis qui praemio MacArthur donati erant tibi, primae feminarum, praemium Lemelson-MIT tributum fuit. Quod tamen praecipue notandum est, magistra es excellens quae quondam se dixisti in animo habere in quaque acroase illam delectationem communicare quam cum primo didiceris conciliatus elementarum tam varios quam homines esse sensisti. Pro constantia tua in excellentiam scientia atque docendo te iure Doctorem in Scientia salutamus, honoris causa.

VIOLA DAVIS Doctor of Fine Arts (D.F.A.)



U.S. and international audiences have admired Viola Davis for her work in film, television, and the theater most recently for her celebrated, Oscar-nominated portrayal of Aibileen Clark in *The Help.* In less

than two decades, Davis has given her audiences a substantial list of performances: appearances in 23 films, more than 40 episodes of television dramas, seven Broadway and off-Broadway productions, and a cascade of awards and nominations.

Davis moved with her family to Central Falls, Rhode Island, when she was two months old. She attended Central Falls High School, where she had her first significant involvement in the arts, particularly the craft of acting for the stage. Davis continued her theater studies at Rhode Island College, graduating in 1988. She worked at Trinity Repertory Company, appearing in August Wilson's *Joe Turner's Come and Gone* during the 1988-89 season, and studied theater for four years at the Juilliard School.

Davis's 2001 portrayal of Tonya in *King Hedley* II brought her a Tony Award and a Drama Desk Award for the best featured actress in a play. She won her second Tony in 2010 for her role as Rose Maxson in the Broadway revival of August Wilson's *Fences*.

Her television credits include episodes of more than two dozen shows from NYPD Blue (her first, in 1996) to Providence, Law and Order, CSI, Jesse Stone, Without a Trace, and United States of Tara (2009), which brought her a nomination for the NAACP's Image Award for outstanding supporting actress in a comedy series.

Te praecellentem cum in Aquis Cadentibus Mediis et Collegio Insulae Rhodiensis ostendisti tum in Schola Juilliardana, theatris Broadway occupantibus, atque ipsa in Hollywood. Tu quidem histrio personas tanta cum dignitate agis tamque eleganter ut cognoscant omnes qui spectant quisnam tu sis. Quae tibi tradita sunt a familia civitate magistrisque ea omnibus in personis tuis videri possunt, quae vero spectatoribus quanti sit diem carpere vel inexorabilem monstrant. Iam duas tibi Coronas Antonianas sodales tui dederunt Collegaeque Oscariani bis te laudaverunt. Posthac praeterea eo magnificentiores praestabis res gestas quoniam quod consilium pueris puellisque qui habitant Aquas Cadentes Medias dedisti, ut cum magna tum audacia sperent, hoc et tibi esse persequendum censes. Audiverunt te haec dicentem et illi et nunc omnes gentes orbis terrarum atque posteris item tu eris audienda. Propter ingenium venustatem studium benevolentiamque tuam atque quia veritati et in omnes homines iustitiae studes, idcirco te Doctorem in Artibus Elegantibus salutamus, honoris causa.

JOHN ROBERT LEWIS Doctor of Laws (LL.D.)



John Lewis, born to sharecroppers on Feb. 21, 1940, near Troy, Alabama, attended segregated public schools in Pike County and as a young boy was inspired by the activism of the Montgomery bus boycott and the

words of the Rev. Martin Luther King Jr. As a college student, Lewis organized sit-ins at segregated lunch counters in Tennessee, and in 1961 he participated in the Freedom Rides, challenging segregation at interstate bus terminals. He was beaten severely by angry mobs and arrested by police for challenging the injustice of Jim Crow segregation in the South.

In 1963, as chairman of the Student Nonviolent Coordinating Committee, he helped organize the historic March on Washington in August, for which he also delivered the keynote address. On March 7, 1965, Lewis and Hosea Williams led peaceful protestors across the Edmund Pettus Bridge in Selma, Alabama, marching for voting rights. The marchers were attacked by armed police on what became known as "Bloody Sunday." News accounts helped hasten passage of the Voting Rights Act of 1965.

Lewis's career in public office began in 1981 with his election to the Atlanta City Council. In November 1986, he ran successfully for the U.S. Congress in Georgia's Fifth District, a position he has held ever since. He is a member of the House Ways and Means Committee and its Subcommittee on Income Security and Family Support, and chairs its Subcommittee on Oversight. His dedication to the highest ethical standards has won respect from both sides of the aisle. Minority Leader Nancy Pelosi has called him "the conscience of the U.S. Congress."

Tu, o praeclare vir Americane, non solum patriae sed etiam orbi terrarum exemplum virtutis integritatisque tam raro exhibitum praebuisti. Multos per vitae illustris tuae annos recte statuebas quid esset faciendum. Nam statuisti primum aliis Nashvilliensibus prandentibus sedere in locis propter pellis tuae colorem vetitis, deinde in 'Freedom Rides' interesse, denique immanem vim periculumque adversa in ripa videns tamen transire pontem Selmaticum die solis sanguinolento atque referre vim constanter recusare; quae commutationem rerum induxerunt et discipulis hodie praesentibus inaestimabili fuerunt dono. Praeterea est et illis et nobis honori apud te adesse, honori respicere quanto opere omne vitae tuae spatium patriae nostrae causa laboraveris, exemplo pensare quam fortiter libertatem iustitiamque consectatus sis. Totum dedidisti te civitati Americanae confirmandae, quam ob rem maximas tibi gratias habemus. Ut multi alii admiratione te laudant, ita et nos Brunenses, quare te Doctorem in Litteris Humanoribus salutamus, honoris causa.

MARILYNNE SUMMERS ROBINSON Doctor of Letters (Litt.D.)



Novelist and essayist Marilynne Robinson, a 1966 graduate of Brown University, has written three highly acclaimed novels: *Housekeeping* (1980), *Gilead* (2004), and *Home* (2008). Her first novel,

Housekeeping, won

the PEN/Ernest Hemingway Award for First Fiction, the Richard and Hinda Rosenthal Award from the Academy of American Arts and Letters, and nomination for the Pulitzer Prize. But more than 20 years would pass before her second novel, Gilead, would appear. It too was well received, winning the National Book Critics Circle Award and the Pulitzer Prize.

Robinson earned her Ph.D. in English from the University of Washington in 1977. She has been a frequent lecturer and workshop leader at universities in the United States and the United Kingdom. She presented Yale University's Dwight H. Terry Lectures in 2009, titled "Absence of Mind: The Dispelling of Inwardness from the Modern Myth of the Self," which led to her 2010 volume of essays of the same name. She delivered Oxford University's Esmond Harmsworth Lecture in American Arts and Letters. Robinson now teaches at the University of Iowa Writers' Workshop.

In addition to the PEN/Hemingway Award and Pulitzer Prize, Robinson has been honored with the Orange Prize for Fiction (2009), the Louisville Grawemeyer Award in Religion, and fellowship in the American Academy of Arts and Sciences. *Housekeeping* was included in *The New York Times* Books of the Century and listed as one of the 100 greatest novels of all time by the *Guardian* Observer (U.K.).

In te unica litterae tantae sunt ut, tuo exemplo, nos nostros animos et nostras civitates renovare possimus. Ceteris melius atque sollertius scribis ut mentes omnium amplectemur et litterae ubique niteant. Sive discipulos artes dicendi et scribendi doces sive singulas res scientiae religionisque electronico in foro exponis, scriptorem nostras mentes per imagines excitare posse tuis operibus testaris. Alumna Universitatis Brunensis, vitam egisti plenam ingenii et beneficiorum et bonae famae; igitur nos cum populis omnibus te in Litteris Doctorem salutamus, honoris causa.

SEBASTIAN A. RUTH Doctor of Music (Mus.D.)



Violist and violinist Sebastian Ruth is pioneering new opportunities for urban youth and developing new opportunities for professionally trained musicians that extend far beyond the concert hall. He is the

founder and artistic director of Community MusicWorks, a nonprofit organization that uses music education and performance to enrich the lives of youth and families and to strengthen the local community — all of it from a storefront in the West End of Providence.

Ruth founded Community MusicWorks in 1997 after his graduation from Brown. As community educators, Ruth and fellow members of the Providence String Quartet, the resident ensemble at MusicWorks, continue to pursue and examine a vision that uses music as a tool for nurturing the community, in much the same way as public libraries, health clinics, youth recreation programs, and neighborhood organizations. The quartet lives in the neighborhood it serves.

The Community MusicWorks model is spreading to other cities, and Ruth and his colleagues have been recognized for their work. Community MusicWorks received the 2010 National Arts and Humanities Youth Program Award from First Lady Michelle Obama. *Strings Magazine* named Ruth among the 25 most influential people in the string music world for 2012, and Ruth received a MacArthur "Genius Award" in 2010.

Tu fidicula consilioque armatus, dono a sodalitate Sweareriana dato praeditus ut opera tua inciperetur, a portis Wicklianis profectus es iam ante quindecim annos animo ardens ut mundum meliorem faceres. Ecce nunc, si quis intrat illam tabernam in via Westminster, Urbana Opera Musica nomine, fruges laboris tui videt auditque. Cum artes musicas doceas, discipuli et tui et collegiarum tuarum non solum organa sed etiam seipsos et cives suos cognovisse didicerunt. Permultis virtutibus faves per vitam tuam laboremque, inter alias benevolentiae, iustitiae, communitati, artibus elegantibus, et sui fiduciae. Laudes tibi pro rebus optissime gestis tribuerunt cum Domus Candida tum Sodalitas MacArthuriana. Iuventus Providentiana tua magna providentia constantiaque in artibus alendis fructa est. Una cum discipulis tuis, te Doctorem Musicae salutamus, honoris causa.

DIANE SAWYER Doctor of Letters (Litt.D.)



Diane Sawyer is among the bestknown journalists in the United States. As anchor of ABC's flagship "World News" program since December 2009, Sawyer has reported from locations around the world: from Afghanistan with Gen. Stanley Mc-

Chrystal and President Hamid Karzai; from Tucson after the shooting of Rep. Gabrielle Giffords; from Japan after last year's earthquake, tsunami, and nuclear emergency.

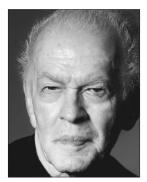
Early in her career, after three years at WLKY-TV in her native Louisville, Kentucky, Sawyer served as part of the Nixon-Ford transition team and assisted President Nixon with the writing of his memoirs in 1974 and 1975. She entered national network news with CBS in 1980 as the first female correspondent on "60 Minutes" and co-anchor of the "CBS Morning News." She was State Department correspondent for CBS and helped cover the national nominating conventions in 1980, 1984, and 1988.

Sawyer moved to ABC early in 1989, first as co-anchor of "Primetime" and in 1999 as coanchor of both "Primetime" and "Good Morning America." When she took over the anchor chair at "World News" in December 2009, "Good Morning America" had recently celebrated its third consecutive Emmy Award for outstanding morning program.

Sawyer has covered pivotal historical events in the United States and abroad: the World Trade Center attacks, wars in Iraq and Afghanistan, Hurricane Katrina, and the collapse of the Soviet Union. Her documentary work has brought important issues to viewers and has earned some of the most prestigious awards in U.S. journalism, including duPonts, Emmys, Peabodys, and the Lifetime Achievement Award from the Investigative Reporters and Editors Association. In 1997, Sawyer was inducted into the Television Academy Hall of Fame.

Interpres perfectissima magnorum tui saeculi momentorum narras et illustras res varias quae rem publicam nostram et totum quidem orbem terrarum quasi conformant. Actorum diurnorum conscriptor, imaginum mobilium ad historiam explicandam pertinentium artifex, et ancorae quae dicitur partium agens, res ubique terrarum actas intellegis et sic exponis ut nos ad cogitandum provoces et ad agendum excites. Studium tuum nuntiorum discendorum te duxit in loca quam tenebricosissima detegendae causa crudelitatis, violentiae, iniustitiae, oppressionisque. Opera tua programmatibus temporum nostrorum praeclarissimis, praesertim "Sexagesimis Sexagenis" et "Nuntiis Mundi", ab hominibus innumeris spectata sunt et vitas hominum obscurorum reddiderunt meliores. Res civiles, quaestiones sanitatis publicae, duces gentium et exsecrandos et extollendos unoque verbo omnia scrutata es. Tua constantia firma, sollertia inquirendi, sal atque facetiae summaque sedulitas in officiis faciendis admirationem et venerationem sodaliumque tuorum populique nostri ut pretium tibi attulerunt. Animo grato Universitas Brunensis Litterarum Doctorem honoris causa te salutat.

GENE SHARP Doctor of Humane Letters (L.H.D.)



In an academic and professional career spanning more than six decades, Gene Sharp has articulated and advanced the cause of nonviolent action for change. His ideas and writings and his close study of Gandhi and dictatorships have informed nonviolent struggles for

freedom around the world.

A social sciences graduate of Ohio State University (B.A., 1949, with honors in political science, debate, and sociology), Sharp continued his studies at Ohio State, earning his Master of Arts in sociology in 1951.

For the next four years, Sharp was in New York City conducting independent studies on the history of nonviolent action and the life and work of Gandhi. That work led to his first book, *Gandhi Wields the Weapon of Moral Power: Three Case Histories*, completed in 1953 and published in 1960 with a foreword by Albert Einstein. Also during those New York years, Sharp was arrested for civil disobedience to military conscription during the Korean War, for which he spent nine months in prison.

In 1955, he became assistant editor of *Peace News* in London. Later, he was a lecturer at the Institute for Philosophy and the History of Ideas of the University of Oslo and a research associate at the Institute for Social Research in Oslo. He completed doctoral studies at St. Catherine's College, Oxford, focusing on the nature of political power and the history, methods, and dynamics of nonviolent struggle.

In 1965 he became a research associate at the Center for International Affairs at Harvard University, a position he held for nearly 30 years. He also was professor of political science and sociology at the University of Massachusetts–Dartmouth. In 1983, Sharp founded the Albert Einstein Institution, a nonprofit organization that supports research and policy studies on strategic nonviolent action and has consulted with resistance and pro-democracy groups in Burma, Thailand, Tibet, Latvia, Lithuania, Estonia, Belarus, and elsewhere.

Nemo qui de novis rebus sine caede actis vel maiore auctoritate vel callidius vel expertius loquitur quam tu. Magnum opus tuum, quod titulus Ab Dictatore ad Potestatem Popularem deducit, elatum in vulgum gratis et in permultas linguas conversum, tantos et tot progressus ad libertatem effecit. Ab Asia usque ad Russiam et fines Arabum multi ad sua vincula eximenda et ad superbos respuendos tuis verbis sapientibus adducti sunt. Verbis non tantum ducis; quin etiam ad civitates a tyrannis oppressas iter ingressus es, magno discrimine capitis, et multi per orbem terrarum, qui novis rebus sine caede studeant, petiverunt ut consilium tecum capiant. Collegium Alberti Einsteinii condidisti, per quod usque doces quomodo omnia in meliora quidem sine vi mutanda et versanda sint. Sic iuvas non solum nos Brunenses sed etiam populos omnes, quare te in Humanis Litteris Doctorem salutamus, honoris causa.

WEI YANG Doctor of Science (Sc.D.)



Born in Beijing, Wei Yang was educated in the United States and China (B.S., Northwestern Polytechnic University, 1976; M.S., Tsinghua University, 1981; Ph.D., Brown University, 1985). Four years after earning his Ph.D., Yang was promoted to a full professor

of engineering at Tsinghua University, the youngest person ever to achieve that rank. In addition to continuing an active and very productive career as a research engineer in fracture mechanics, mechatronic reliability, and micro/nanomechanics (11 books and 211 technical papers in internationally refereed journals), Yang has served in a number of national and international positions as an educator and administrator. He began as president of Zhejiang University, one of China's largest and oldest universities, in 2006. As head of the Chinese Academy of Sciences Technological Science Division, Yang has had extensive international scientific experience. He has served as regional editor for several journals in the field of composite materials and has been on the editorial boards of the International Journal of Fracture, Fatigue & Fracture of Engineering Materials & Structures, and the Archive of Applied Mechanics, among several others. Yang has supported and worked for collaborations with universities in the United States, Germany, the Netherlands, Singapore and elsewhere. His own postgraduate students — more than 40 of them — have extended his international reach. More than 10 of them hold engineering faculty positions in the United States and Europe. He has been honored extensively for his efforts, including the 2009 Brown University Engineering Alumni Medal.

Brunensibus gradibus industria functus procurationes quoque in patria tua splendidissimas et continuas summa integritate administravisti, et tamen liberalibus studiis tantam operam dedisti, ut non temere quis plura in otio scripserit. Inter primos quaesisti quo motu materia frangantur, quod testantur libri et a te scripti et a laudantibus te. Illustrem professorem, iuvenem olim praestantem, nunc nobilissimum praesidem universitatis in finibus Serum maximae, conservatorem excellentiae probitatisque, amicum et fautorem Universitatis Brunensis, te Doctorem in Scientia salutamus, honoris causa.

ABOUT THE HONORARY DEGREES

Honorary doctoral degrees are awarded by the University's Board of Fellows and conferred by the president. During the Commencement exercises the citations are read in English. The Latin translations of this year's citations appear on these pages, following the honorees' biographies.

Citations and Awards �

CANDIDATES FOR MASTER OF ARTS, *ad eundem*

PROFESSORS Lionel Gordon Bercovitch John Howland Cayley Leo Depuydt Jeremy A. Kahn Lawrence Ernest Larson Amanda Helen Lynch Richard Rambuss Eric Renault Gerhard Richter Susanne M. Schennach Mark S. Schlissel

ASSOCIATE PROFESSORS Brian Kenneth Alverson Nathaniel Baum-Snow Cesario Bianchi Joseph Mark Bliss Edward Kwang Sing Chien Nitsan Chorev John Edward Donahue David Dosa Craig Politt Eberson Pedro Felipe Felzenszwalb Michael Joshua Frank Justin A. Holmer Jacques Khalip Daphne Koinis Mitchell Margaret Miller Albert C. Lo Nancy Kay Luke Frank Lamond Overly Kelly Pagidas Glenn Eric Palomaki Stratis Papaioannou Donna Parker Chanika Phornphutkul Benjamin Raphael James Michael Russell Joshua Ben Schechter Brian Silver Marcus B. Spradlin Geoffrey N. Tremont Axel van de Walle Anastasia Volovich

SENIOR LECTURER Silvia Sobral

RECIPIENTS OF THE JOUKOWSKY FAMILY FOUNDATION OUTSTANDING DISSERTATION AWARD

HUMANITIES Christian George DuComb '12 Ph.D. *Theatre and Performance Studies* From the Meschianza to the Mummers Parade: Racial Impersonation in Philadelphia

LIFE SCIENCES Breann Leigh Brown '12 Ph.D. *Molecular Pharmacology and Physiology* The *E. coli mqsRA* Operon Defines a Novel Family of Toxin:Antitoxin Modules

PHYSICAL SCIENCES Sirui Tan '12 Ph.D. *Applied Mathematics* Boundary Conditions and Applications of WENO Finite Difference Schemes for Hyperbolic Problems

SOCIAL SCIENCES Hussein Banai '12 Ph.D. *Political Science* Democracy in Context: Between Universal Ideals and Local Values

RECIPIENT OF THE MEDICAL SENIOR CITATION

Edward R. Feller, MD Clinical Professor of Medicine and Health Services, Policy and Practice

RECIPIENT OF THE WILSON-DEBLOIS AWARD

Dr. Gail Cohee Director, Sarah Doyle Women's Center

RECIPIENT OF THE HORACE MANN MEDAL

Chao-Han Liu '65 Ph.D. Distinguished Scholar and Vice President Emeritus, Academia Sinica; President Emeritus, National Central University, Taiwan; Chancellor Emeritus, University System of Taiwan

RECIPIENTS OF THE BARRETT HAZELTINE CITATION FOR EXCELLENCE IN TEACHING, GUIDANCE AND SUPPORT

At the president's reception for the class of 2012, held on May 22, 2012, Hazeltine citations were awarded to: Richard D. Bungiro PHD '99 Barbara I. Tannenbaum

SENIOR CLASS GIFT

At the president's reception for the class of 2012, held on May 22, 2012, the Senior Class Gift Committee presented President Simmons with their class gift.

CLASS OF 2012 SENIOR GIFT COMMITTEE

COMMITTEE CO-CHAIRS Manas Gautam Lydia Halpern

EVENTS CO-CHAIRS Lisa Berlin Grace Chu Jessica Gandy Bi Yu Li Edjola Ruci

MARKETING & PARTICIPATION CO-CHAIRS Arlando Battle Jonathan Feldman Tung N'Vietson Ashlie Williams

ATHLETICS CO-CHAIRS Bobby Farnham Rebecca McGoldrick

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GREEK CO-CHAIRS Araceli Mendez Christian Talavera

INTERNATIONAL CO-CHAIRS Junli Chen Stanislava Chyzhykova Parth Jindal Lily Mwalenga ARTS CHAIR Chantel Whittle

GREEK CHAPTER REPS Max Chou Varina Clark Andrea Garcia Yoojin Rhee

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Gabriel Barth-Maron Lauren Bosso Joey Burnett David Chanin Innessa Colaiacovo Nick Donias Raymond Jackson Milford James Parth Jindal Paul Kernfeld Leor Shtull-Leber Emir Okan Max Rosero Josh Rodriguez-Srednicki Yuri Tomikawa Liza Weisberg Mikel Wiggins Alex Yuly

Fellowships, Scholarships, and Grants Awarded to Graduating Seniors

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Daniel Wickerham Alexander Fulbright Fellowship William Edward Allen Churchill Scholarship Norin Ansari Fulbright Fellowship Alysha Swaim Aziz Fulbright Fellowship Rachel Ann Baker Fulbright Fellowship Alejandro Sergio Brambila Fulbright Fellowship Gillian Rose Brassil Fulbright Fellowship Saskia Brechenmacher Carnegie Endowment Nathaniel David Chu Fulbright Fellowship Kaley Nicole Curtis Fulbright Fellowship Gavriel Enrique Cutipa-Zorn Mellon Mays Undergraduate Fellowship Jeremy Dakota Cutting Fulbright Fellowship Galia Ann Deitz Fulbright Fellowship Sarah Anne Denaci Fulbright Fellowship Andrea Balcar Dillon Fulbright Fellowship Brianna Ruth Doherty Rhodes Scholarship Nicholas Ryan Donias Fulbright Fellowship Mica Macks Fidler Fulbright Fellowship Nabeel Nadir Gillani Rhodes Scholarship Eric Matthew Gruebel Fulbright Fellowship Hector Hernandez Fulbright Fellowship Mariel Kathryn Heupler Fulbright Fellowship Robert William Hunter Arthur Liman Public Interest Summer Fellowship Jenna Suzanne Kahn Harvey A. Baker Fellowship Janine Ramsey Khraishah Fulbright Fellowship Gili Leore Kliger Anne Crosby Emery Fellowship Leland Marcellus Lazarus Fulbright Fellowship Harmony Shou-Ann Lu Fulbright Fellowship

Yeshimabeit Iniyah Milner Mellon Mays Undergraduate Fellowship Mari Ayako Miyoshi David J. Zucconi '55 Fellowship Jyotsna Mullur Anne Crosby Emery Fellowship Nicole Savina Noronha Harvey A. Baker Fellowship Madisen Elizabeth Obiedo Fulbright Fellowship Titilola Äderonke Ogunsola Fulbright Fellowship David Solomon Poritz Rhodes Scholarship Guillaume Jean Riesen Fulbright Fellowship Jose Miguel Rodriguez Mellon Mays Undergraduate Fellowship Tyler Jackson Rogers Mellon Mays Undergraduate Fellowship Maxwell Caye Rosero Fulbright Fellowship Caroline Elizabeth Silvestri Harvey A. Baker Fellowship Manvir Singh Fulbright Fellowship Vivian Truong Mellon Mays Undergraduate Fellowship Anthony Urena Mellon Mays Undergraduate Fellowship Indu Sitala Voruganti Harvey A. Baker Fellowship Robert Jacobs Webber Fulbright Fellowship Justin Dyce Williams Mellon Mays Undergraduate Fellowship

Special Recognition for Advanced Degree Candidates

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Summer Elizabeth Allen '12 Ph.D. *Neuroscience* NIH Ruth L. Kirschstein Individual Predoctoral Fellowship Jorge Antonio Mota de Azevedo Alves '12 Ph.D. *Political Science* NSF Graduate Research Fellowship Theresa Christine Anderson '12 A.M. *Mathematics* NSF Graduate Research Fellowship Michael Patrick Antosh '12 Ph.D. Physics Sigma Xi Amalia Ávila Figueroa '12 Ph.D. Molecular Pharmacology and Physiology NSF Graduate Research Fellowship Hussein Banai '12 Ph.D. Political Science Joukowsky Family Foundation Outstanding Dissertation Award, P. Terrence Hopmann Award for Excellence in Teaching (a University departmental award) Cindy Banh '12 Ph.D. Molecular Biology, Cell Biology, and Biochemistry NIH NRSA Fellowship Award Erin Elizabeth Beck '12 Ph.D. Political Science Fulbright-Hays Fellowship Mark Richard Bell III '12 Ph.D. Neuroscience NSF Graduate Research Fellowship Gavril Krassimirov Bilev '12 Ph.D. Political Science International Dissertation Research Fellowship, Social Science Research Council Daniel Robert Block '12 Ph.D. English Brown/Wheaton Faculty Fellowship Stephen Anthony Bocskay '12 Ph.D. Portuguese and Brazilian Studies Brazilian Studies Association Jon M. Tolman Prize Ligia Margarita Brandt Sanchez '12 Ph.D. Ecology and Evolutionary Biology Fulbright Fellowship, International Federation of University Women Daphne Purves Grant, The Rufford Small Grants Foundation Grant, Cleveland Zoological Society Scott Neotropical Fund Grant Breann Leigh Brown '12 Ph.D. Molecular Pharmacology and Physiology Ruth L. Kirschstein National Research Service Award, NSF-EPSCoR Graduate Fellowship, Joukowsky Family Foundation Outstanding Dissertation Award William Carl Brucher '12 Ph.D. History John R. Haynes and Dorothy Haynes Foundation Fellowship in Los Angeles History, Huntington Library

Daniella Wittern Bush '12 Ph.D. Hispanic Studies David and Ruth Kossoff Prize for Leadership in Teaching (a University departmental award), Mellon Foundation Graduate Student Dissertation Writing Group Grant Daniel Youngwhan Cho '12 Ph.D., Sc.M. Biology, Biotechnology Controlled Release Society Outstanding Oral Drug Delivery Award Elizabeth R. Chrastil '12 Ph.D. Cognitive Science NASA Fellowship Daniel Christopher Cooper '12 Ph.D. Chemistry NASA Space Grant, U.S. Department Of Education Graduate Assistance In Areas Of National Need Fellow Ruth Elena Coughlin '12 MFA Theatre Studies (Acting) Lotta M. Crabtree Trust Scholarship Recipient John Robert Cumbers '12 Ph.D. Molecular Biology, Cell Biology, and Biochemistry NASA Fellowship Sanghamitra Deb '12 Ph.D. Chemistry Sigma Xi Outstanding Graduate Student Award Diego Felipe Díaz Rioseco '12 A.M. Political Science Fulbright Fellowship Christian George DuComb '12 Ph.D. Theatre Arts and Performance Studies American Society for Theatre Research Dissertation Fellowship, Joukowsky Family Foundation Outstanding Dissertation Award Nicholas James Dygert '12 Sc.M. Geological Sciences Rhode Island Space Grant Fellowship Nicole Meredith Eaton '12 Ph.D. History Coordinating Council for Women in History Ida B. Wells Graduate Student Award, Carrie Chapman Catt Prize for Research on Women and Politics Honorable Mention, The Schlesinger Library Dissertation Grant, The Huntington Library John Brockway Huntington Foundation Fellow, Sophia Smith Collection Margaret Storrs Grierson Scholar-in-Residence Award

Mark Joseph Alba Fiecas '12 Ph.D. **Biostatistics** Sidney E. Frank Fellowship (Brown University) Sara Christina Fingal '12 Ph.D. History American Association of University Women Fellowship Anna Watkins Fisher '12 Ph.D. Modern Culture and Media Andrew W. Mellon Foundation Fellowship/American Council of Learned Societies Dissertation Completion Fellowship Neal Patrick Fox '12 Sc.M. Cognitive Science NSF Graduate Research Fellowship Pamela Jean Gaddi '12 Ph.D. Pathobiology NIH Ruth L. Kirschstein NRSA Individual Predoctoral Fellowship Dioscaris R. Garcia '12 Ph.D. Molecular Pharmacology and Physiology Pharmacia Scholar, Sigma Xi Scholar Jennifer M. Gench '12 Sc.M. Neuroscience APA Diversity Program in Neuroscience Boris A. Gershman '12 Ph.D. Economics Abramson Award (a University departmental award) Christopher Laurence Gibson '12 Ph.D. Sociology Fulbright Fellowship, Andrew W. Mellon Foundation Fellowship/American Council of Learned Societies Dissertation Completion Fellowship, NSF Graduate Research Fellowship, Inter-American Foundation Grassroots Development Fellowship Rachel Elizabeth Goldberg '12 Ph.D. Sociology Chancellor Stephen Robert Fellowship, American Association of University Women American Dissertation Fellowship Cristina Gorrostieta Hurtado '12 Ph.D. **Biostatistics** CONACyT Fellowship, Brain Science Graduate Research Award (a University departmental award) Weeam Sameeh Hammoudeh '12 A.M. Sociology Hewlett Fellowship Vivian Olsiewski Healey '12 Sc.M. Mathematics NSF Graduate Research Fellowship

Matthew J. Heard '12 Ph.D. Ecology and Evolutionary Biology National Science Foundation Travel Grant, George Wright Society Park Break Fellow, Sigma Xi Associate Member, International Biogeography Society Grant, Voss Post-doctoral Research Fellowship Nicholas E. Heger '12 Ph.D. Pathobiology Sigma Xi Research Society, Charles Kuhn Graduate Award in Disease Pathogenesis (Brown University) Oddny Helgadottir '12 A.M. History Fulbright Fellowship Rebecca Rae Helm '12 Sc.M. Ecology and Evolutionary Biology NSF Graduate Research Fellowship Kyle Robert Helson '12 Sc.M. Physics NASA Fellowship Christopher Holmes '12 Ph.D. English Presidential Award for Excellence in Teaching Julie Erin Hunter '12 Ph.D. Music: Ethnomusicology Foreign Language and Area Studies Fellowship, West African Research Association Pre-Dissertation Fellowship Debra Marie Hurwitz '12 Ph.D. Geological Sciences Dwornik Award Honorable Mention for best student oral presentation at Lunar Planetary Science Conference 2011, Best Student Poster Award NASA Lunar Science Institute Conference 2011 Serdar Kadıoğlu '12 Ph.D. Computer Science IBM Ph.D. Scholarship Alex Henry Kasprak '12 Sc.M. Geological Sciences NSF Graduate Research Fellowship Hideaki Kimura '12 Ph.D. **Computer Science** Hewlett-Packard Laboratories Graduate Research Fellowship Devin C. Koestler '12 Ph.D. **Biostatistics** Ruth L. Kirschstein Fellowship Amy Patricia Kracker Selzer '12 Ph.D. Sociology NSF Graduate Research Fellowship Tomislav Ladika '12 Ph.D. Economics Hazeltine Fellowship (Brown University) Danya Marie Lavin '12 Ph.D. Biomedical Engineering American Heart Association

Predoctoral Fellowship

Juyoung Lee '12 A.M. Sociology Fulbright Fellowship Yong Suk Lee '12 Ph.D. Economics Hazeltine Fellowship (Brown University) Anthony Christopher Lopez '12 Ph.D. Political Science Stephen Robert Fellowship Shruti Majumdar '12 Ph.D. Sociology NSF Graduate Research Fellowship Sheri Lynn Martinelli '12 Ph.D. Applied Mathematics SMART Scholarship Vismadeb Mazumder '12 Ph.D. Chemistry Sigma Xi Award Stephanie Ellen McCalla '12 Ph.D. Biomedical Engineering NASA Fellowship Robin E. McGill '12 Ph.D. Classics Mellon Fellowship in Humanistic Studies Elizabeth Selby Meloy '12 Ph.D. History Watson Institute for International Studies Dissertation Writing Fellowship Glenda C. Molina '12 Sc.M. Cognitive Science National Research Service Award Lyra D. Monteiro '12 Ph.D. Archeology and the Ancient World John Carter Brown Library J.M. Stuart Fellowship (a University honor), Jay and Deborah Last Fellowship, American Antiquarian Society Tomoaki Morikawa '12 A.M. American Studies Fulbright Fellowship Michael D. Morse '12 Sc.M. Physics NSF Graduate Teaching Fellows in K-12 Education Charles Mulekwa '12 Ph.D. Theatre and Performance Studies Ford Foundation Fellowship Prajula Mulmi '12 MPH Public Health American Association of University Women International Fellowship Tania Ann-Neisha Nevers '12 Ph.D. Pathobiology Ruth L. Kirschstein National Research Fellowship Feryaz Ocakli '12 Ph.D. Political Science Smith Richardson Foundation World Politics and Statecraft Fellowship

Layla Kathleen Oesper '12 Sc.M. Computer Science NSF Graduate Research Fellowship Daphna Oren-Magidor '12 Ph.D. History Mellon-CLIR Dissertation Fellowship for Research in Original Sources, Marie J. Langlois Dissertation Prize (a University departmental award) Maxwell Hatton Pines '12 Ph.D. Philosophy Andrew W. Mellon Foundation Fellowship/American Council of Learned Societies Dissertation Completion Fellowship Mohamed Yunus Rafiq '12 A.M. Anthropology Jacob K. Javits Fellowship Pooja Girish Rangan '12 Ph.D. Modern Culture and Media Manning Fellowship, Marie J. Langlois Prize (a University departmental award) Naveen G. Rao '12 Ph.D. Neuroscience NIH National Research Service Award Julie Ann Richardson '12 Ph.D. Biomedical Engineering NSF Graduate Teaching Fellows in K-12 Education, VA CRRM Pre-Doctoral Fellowship Victoria Elizabeth Ruiz '12 Ph.D. Pathobiology Ruth L. Kirschstein National Research Service Award Malgorzata Joanna Rymsza-Pawlowska '12 Ph.D. American Studies Cogut Center for the Humanities Graduate Fellowship (Brown University), Smithsonian Institution Predoctoral Fellowship Yuva Sasaki '12 Ph.D. Economics Japan-IMF Scholarship, G. Nicholas Beckwith III Fund Fellowship, Umezawa-Stoltz Award (Brown University) Erin Eckhold Sassin '12 Ph.D. History of Art and Architecture Humboldt University (Berlin) Fellowship Carmen Patricia Saucedo Segami '12 Ph.D. Hispanic Studies David and Ruth Kossoff Prize for Leadership in Language Teaching (a University departmental award) Samuel Christopher Schon '12 Ph.D. Geological Sciences NASA Fellowship Justin Tyler Seil '12 Ph.D. Biomedical Engineering NSF Graduate Teaching Fellows in K-12 Education, Sigma Xi Outstanding Graduate Student Award

Bradley Michael Sekedat '12 Ph.D. Archeology and the Ancient World NSF Dissertation Improvement Grant Jing Song '12 Ph.D. Sociology NSF Dissertation Improvement Grant, Alden Speare Jr. Memorial Award for Best M.A. Thesis in Sociology, Beatrice and Joseph Feinberg Memorial Fund (Brown University awards) Sumit Kumar Soni '12 Ph.D. Engineering Joseph Gurland Fellowship in Engineering (Brown University) Nathaniel M. Stein '12 Ph.D. History of Art and Architecture Paul Mellon Centre for Studies in British Art Research Support Grant, Shpilman Institute for Photography Research Grant, Yale Center for British Art Pre-Doctoral Fellowship, Paul Mellon Centre for Studies in British Art Junior Fellowship, Pembroke Center Graduate Fellowship, **RISD** Humanities Fund Teaching Enrichment Grant, RISD Humanities Fund Conference Travel Grant, North American Victorian Studies Association Graduate Paper Prize Honorable Mention, North American Victorian Studies Association Conference Travel Grant Angela Marie Stickle '12 Ph.D. Geological Sciences NASA Rhode Island Space Grant Fellowship, American Geophysical Union Outstanding Student Paper Award, Hypervelocity Impact Society Alex Charters Student Scholar Award Adam Gregory Storeygard '12 Ph.D. Economics **Regional Science Association** International Benjamin H. Stevens Graduate Fellowship Sirui Tan '12 Ph.D. Applied Mathematics Joukowsky Family Foundation Outstanding Dissertation Award Ishani Tewari '12 Ph.D. Economics Kauffman Foundation Dissertation Fellowship Elizabeth Katherine Thomas '12 Sc.M. Geological Sciences NSF Graduate Research Fellowship Matthew Allen Tierney '12 Ph.D. Modern Culture and Media Pembroke Center Graduate Student Fellowship

Sarah E. Tourjee '12 MFA Literary Arts John Hawkes Award for Fiction 2011, Lake Forest College Press/&NOW Books Award for Innovative Writing Nhiem Le Tran '12 Ph.D. Physics Vietnam Education Foundation Fellowship Daniela Nicole Villacrés '12 Ph.D. Sociology NSF Doctoral Dissertation Improvement Grant Yaqi Wang '12 Ph.D. Chemistry Vincent. J. Wernig Fellowship Wei Wanchun '12 Ph.D. Physics Forest Award (a University departmental award) Lucy Weng '12 Sc.M. Biomedical Engineering Northeast Bioengineering Conference Best Master's Paper Satrio Adi Wicaksono '12 Sc.M. Geological Sciences Geological Society of America Graduate Student Research Grant Wenzhe Zhang '12 Ph.D. Physics Galkin Foundation Fellowship

Faculty Recognition

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AWARDS FOR EXCELLENCE IN TEACHING

Christopher Seto Associate Professor of Chemistry Philip J. Bray Award for Teaching Excellence in the Physical Sciences, 2012–14 Lung-Hua Hu Senior Lecturer in East Asian Studies John Rowe Workman Award for Teaching Excellence in the Humanities, 2012–14 Susan Ashbrook Harvey Willard Prescott and Annie McClelland Smith Professor of **Religious** Studies Karen T. Romer Advising award for Undergraduate Advising and Mentoring Naoko Shibusawa Associate Professor of History Karen T. Romer Advising award for Undergraduate Advising and Mentoring

Laurel Bestock Assistant Professor of Egyptology and Ancient Western Asian Studies and Archaeology Henry Merritt Wriston Fellowship Andrew Scherer Assistant Professor of Anthropology Henry Merritt Wriston Fellowship Rashid Zia Assistant Professor of Engineering Henry Merritt Wriston Fellowship Arnold Weinstein Professor of Comparative Literature The Harriet W. Sheridan Award for Distinguished Contribution to Teaching and Learning Matthew Zimmt Professor of Chemistry The Harriet W. Sheridan Award for Distinguished Contribution to Teaching and Learning

FACULTY NEWLY APPOINTED TO ENDOWED AND NAMED PROFESSORSHIPS, JULY 1, 2011

Richard Bennett Manning Assistant Professor of Molecular Microbiology and Immuniology Mark Dean Stephen Robert Assistant Professor of Economics Erika Edwards Richard and Edna Solomon Assistant Professor of Ecology and Evolutionary Biology Meredith Hastings Joukowsky Family Assistant Professor of Geological Sciences Nancy Khalek William A. Dyer Jr. Assistant Professor of the Humanities Derek Stein Manning Assistant Professor of Physics PROFESSORS Christopher Born, MD The Intrepid Heroes Professor of Orthopedic Surgery Mark Cladis Brook Russell Astor Professor of the Humanities Brian Evenson Royce Family Professor of Teaching Excellence and Professor of Literary Arts Pradeep Guduru James R. Rice Associate Professor of Engineering Eric Renault

Eric Kenault C.V. Starr Professor of Economics Louis B. Rice, MD Joukowsky Family Professor of Medicine

Timmons Roberts Ittleson Professor of Enrionmental Studies John Savage An Wang Professor of **Computer Science** Ashutosh Varshney Sol Goldman Charitable Trust Professor of International Studies and Social Sciences Matthew Zimmt Royce Family Professor of Teaching Excellence and Professor of Chemistry Brian J. Zink, MD Frances Weeden Gibson - Edward A. Inannuccilli, MD, Professor of Emergency Medicine

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Michael Satlow, Professor of Religious Studies and Judaic Studies Seymour Gitin Distinguished Professor Fellowship, Albright Institute Fulbright Fellowship, Tel-Aviv University, Israel Peter Schultz, Professor of Geological Sciences G.K. Gilbert Award, Geological Society of America Richard Schwartz, Chancellor's Professor of Mathematics Fellow, Simons Foundation Fellow, Leverhulme Trust Adam Teller, Associate Professor of Judaic Studies and History National Endowment for the Humanities Senior Fellowship, Center for Jewish History Luis Fernando Valente, Professor of Portuguese and Brazilian Studies and Comparative Literature Latin American Studies Associated Association Scholarly Award President, American Portuguese Studies Association Pascal Van Hentenryck, Professor of Computer Science Docteur Honoris Causa, l'Universite de Nantes Anastasia Volovich, Associate Professor of Physics Fellow, Simons Foundation

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Professor of Computer Science

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Luba Dumenco Edward R. Feller

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Jayran Davani Event Manager Office of University Event & Conference Services

MUSIC FOR THE PROCESSION

Brown University Commencement Band – Matthew McGarrell, Director

The Rhode Island Highlanders Pipe Band – Deborah Kane, Pipe Major

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The banners on hanging from the Stephen Robert '62 Campus Center at Faunce House and the Salomon Center for Teaching and the coat of arms on the stage are gifts from Mary Aguiar Vascellaro '74 and Jerome Vascellaro '74.

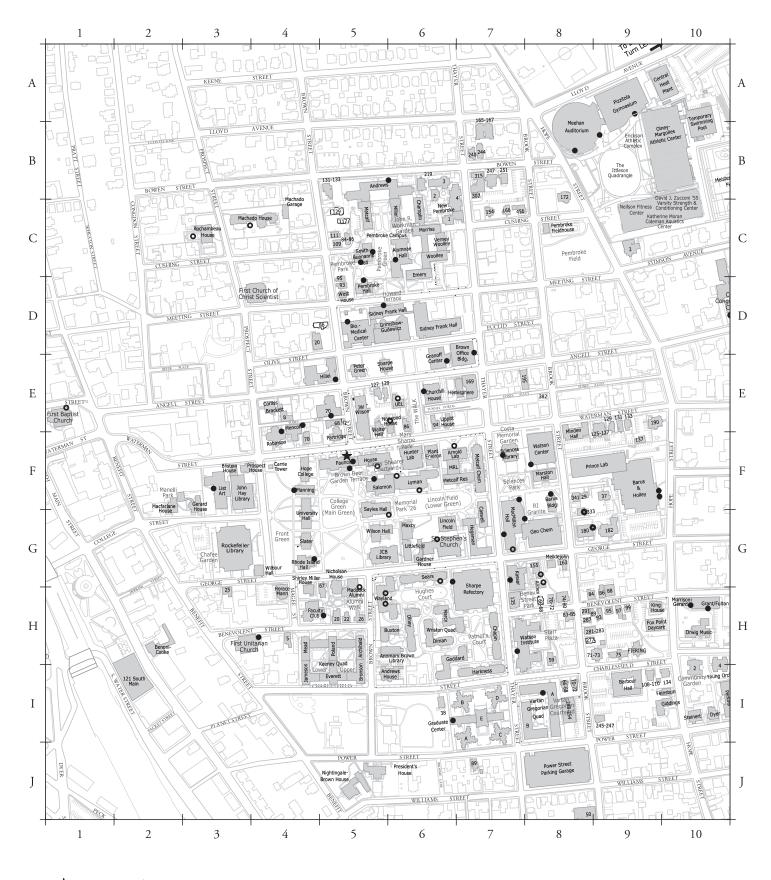
Locations for Diploma Ceremonies

- **E-6** Africana Studies Churchill House, George Houston Bass Theatre 155 Angell Street
- E-5 American Studies
 Tent, Norwood House,
 Sharpe Park
 82 Waterman Street
- I-9 Anthropology Tent, Giddings House, Garden
 128 Hope Street
- **G-8** Applied Mathematics Barus & Holley, Room 168 170-180 Hope Street
- G-4 Archaeology and the Ancient World Rhode Island Hall, Rooms 108 & 109 Campus Green
- B-9 Biology
 Pizzitola Memorial Sports
 Center, Gymnasium
 235 Hope Street
- **G-7** Chemistry MacMillan Hall, Starr Auditorium (Room 117) Thayer and George Streets
- F-4 Classics Manning Hall, Chapel Campus Green
- F-5 Cognitive, Linguistic & Psychological Sciences Salomon Center for Teaching, De Ciccio Family Auditorium (Room 101) Campus Green
- c-8 Commerce, Organizations, and Entrepreneurship Tent, Pembroke Field Brook and Cushing Streets
- **c-6 Comparative Literature** Alumnae Hall, Auditorium Pembroke Campus
- **G-6 Computer Science** St. Stephen's Church 114 George Street
- E-4 Development Studies Brown Hillel, Social Hall 80 Brown Street

- c-5 East Asian Studies Smith-Buonanno Hall, Room 106 Pembroke Campus
- E-I Economics First Baptist Church 75 North Main Street
- H-3 Education First Unitarian Church Corner of Benefit and Benevolent Streets
- G-4 Egyptology & Ancient Western Asian Studies Rhode Island Hall, Rooms 108 & 109 Campus Green
- **B-8** Engineering Meehan Auditorium 235 Hope Street
 - **English** (See Literatures and Cultures in English)
- F-5 Environmental Science / Environmental Studies Stephen Robert '62 Campus Center, Multipurpose Room 75 Waterman Street
- **G-10 Ethnic Studies** Tent, Aldrich House, Garden 110 Benevolent Street
- **c-3** French Studies Tent, Rochambeau House, Garden 84 Prospect Street
- D-5 Gender and Sexuality Studies Pembroke Hall, Room 202 172 Meeting Street
- F-7 Geological Sciences Tent, MacMillan Hall, Side Lawn Thayer and George Streets
- **E-9 German Studies** Tent, South Lawn 190 Hope Street
- **c-3 Hispanic Studies** Tent, Rochambeau House, Garden 84 Prospect Street
- D-10 History Central Congregational Church 296 Angell Street
- c-5 History of Art and Architecture Tent, Pembroke Campus Lawn

- E-4 Independent Concentration Brown Hillel, Meeting Room 80 Brown Street
- **F-6** International Relations Tent, Lincoln Field
- **E-9** Italian Studies Tent, South Lawn 190 Hope Street
- F-5 Judaic Studies Salomon Center for Teaching, Room 001 Campus Green
- E-4 Latin American and Carribean Studies Brown Hillel, Social Hall 80 Brown Street
- **G-4** Literary Arts Tent, Front Green (in front of RI Hall)
- F-5 Literatures and Cultures in English Sayles Hall, Main Auditorium Campus Green
- **G-7 Mathematics** Sharpe Refectory, Chancellor's Dining Room Wriston Quad
- D-10 Medieval Studies Central Congregational Church 296 Angell Street
- E-4 Middle East Studies Brown Hillel, Social Hall 80 Brown Street
- D-5 Modern Culture and Media Pembroke Hall, Room 305 172 Meeting Street
- H-10 Music Grant Recital Hall Hope Street and Young Orchard Avenue
- c-5 Neuroscience Andrews Dining Hall Pembroke Campus
- F-3 Philosophy List Art Center, Room 120 64 College Street
- F-9 Physics Barus and Holley, Room 166 Hope and George Streets
- E-6 Political Science Tent, South Walkway Between Angell & Waterman Streets

- G-8 Portuguese and Brazilian Studies Tent, Meiklejohn House, Garden 159 George Street
- н-6 Public Health Program Tent, Wriston Quad
- F-4 Public Policy and American Institutions Tent, Front Green (in front of Manning Chapel)
- F-5 Religious Studies Salomon Center for Teaching, Room 001 Campus Green
- c-5 Science and Society Alumnae Hall, Crystal Room (104) Pembroke Campus
- F-7 Slavic Languages Marston Hall, Lobby 20 Manning Walkway
- **G-6** Sociology Tent, Maxcy Hall, Garden 112 George Street
- F-5 Theatre Arts and Performance Studies Catherine Bryan Dill Center for the Performing Arts, Stuart Theatre 77 Waterman Street
- H-4 Urban Studies Faculty Club, Huttner Room One Magee Street
- E-6 Visual Art Perry & Marty Granoff Center for the Creative Arts, Martinos Auditorium (Room 110) 154 Angell Street



Welcome/Information Center
Main Functions and Restrooms are Accessible

O Partial Accessibility

For further information or assistance, please contact the Department of Public Safety at 863-3322 or visit the Welcome/Information Center located inside the Stephen Robert '62 Campus Center (access via the Faunce Arch).