BROWN UNIVERSITY



TWO HUNDRED AND FORTY-SIXTH

COMMENCEMENT

SUNDAY, MAY 25, 2014



In March 1764, the "General Assembly of the Governor and Company of the English Colony of Rhode Island" gathered to consider the charter that would establish Rhode Island College (renamed Brown University in 1804). Though founded during the reign of King George III, the college was dedicated to the "liberty of conscience," a core principle that continues to define our institution to this day. Brown's 250th Anniversary is being celebrated on College Hill and throughout the world through May 2015. The semiquincentenary provides an opportunity to acknowledge Brown's academic excellence while exploring new ways of collaborating across disciplines; reflect on the challenges Brown has confronted over time; and imagine Brown's future in an ever more complex global environment.

Brown University

PROVIDENCE, RHODE ISLAND MAY 25, 2014

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Commencement 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 Simmons Quadrangle.

11:15 A.M. Medical School Ceremony at the First Unitarian Church.

12:10 P.M. College ceremony on First Baptist Church grounds begins (simulcast).

12:35 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.

1:00 P.M. University ceremony on College Green begins.

- Senior orations
- Honorary degrees
- Symbolic degrees

2:00 P.M. University ceremony on College Green ends.

2:15 P.M. Diploma ceremonies begin.

A listing of the locations appears on page 36 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 Simmons Quadrangle, where a tent accommodates spectators; additional seating is available in Metcalf Friedman Auditorium, with viewing by simulcast.

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 6:00 p.m. on Monday.

The Graduate School Ceremony

SIMMONS QUADRANGLE 10:15 A.M. (ESTIMATED)

Seating is limited; a simulcast can be viewed in Metcalf Friedman Auditorium.

PRESIDING

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

PROCESSIONAL

INVOCATION

The Reverend Kirstin C. Boswell Ford Associate University Chaplain for the Protestant Community

STUDENT ADDRESS

Sherri Eldin '14 M.F.A. *Theatre Studies: Acting* "Are We There Yet? The Road to Identity"

ANNOUNCEMENT OF
PRESIDENTIAL AWARD FOR
EXCELLENCE IN TEACHING**
AND THE GRADUATE SCHOOL
FACULTY AWARD FOR
ADVISING AND MENTORING**

AWARDING OF THE JOUKOWSKY FAMILY FOUNDATION OUTSTANDING DISSERTATION AWARD**

PRESENTERS:
John Tyler
Associate Dean of
Academic Affairs,
Professor of Education

Jabbar R. Bennett Associate Dean of the Graduate School, Associate Dean, Division of Biology and Medicine, Clinical Assistant Professor of Medicine

AWARDING OF THE HORACE MANN MEDAL**

PRESENTER: Peter M. Weber

AWARDING OF THE
WILSON-DEBLOIS AWARD**
PRESENTER:
Stephen R Zins

Stephen R. Zins President, Graduate Student Council

PRESENTING MASTER'S CANDIDATES

MASTER OF ARTS Don Operario Associate Dean for Master's Education, Associate Professor of Public Health

MASTER OF ARTS IN TEACHING Kenneth K. Wong Chair, Education Department, Walter and Leonore Annenberg Professor of Education Policy

MASTER OF FINE ARTS Erik Ehn Chair and Professor, Theatre Arts and Performance Studies

MASTER OF PUBLIC AFFAIRS
MASTER OF PUBLIC POLICY
Marion E. Orr
Director of the A. Alfred Taubman
Center for Public Policy and
American Institutions,
Lippitt Professor of Public Policy,
Professor of Political Science and
Urban Studies

MASTER OF PUBLIC HEALTH Terrie T. Wetle Dean of the School of Public Health

MASTER OF SCIENCE Don Operario

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

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

BENEDICTIONThe Reverend
Kirstin C. Boswell Ford

RECESSIONAL

The audience is asked to remain standing while the platform party, faculty and graduates exit by section and row to allow those who wish to attend the University ceremony to move to the College Green.

The Warren Alpert Medical School Ceremony

THE FIRST UNITARIAN CHURCH 11:15 A.M.

PRESIDING

Jack A. Elias Dean of Medicine and Biological Sciences

PROCESSIONAL

NATIONAL ANTHEM *Medical Records*

INVOCATION

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

GREETINGSJack A. Elias

Introduction by
Lisa Jacobs '14 M.D.
Edward Feller, M.D., F.A.C.P,
F.A.C.G.
Clinical Professor of Medicine,
Alpert Medical School of
Brown University
"Sacred Spaces"

Introduction by Sheela Krishnan '14 M.D. Josef Nevers Tofte '14 M.D. "Medicine: A Work in Progress"

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 orientation, 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.

PRESENTATION OF DEGREE RECIPIENTS

Allan Tunkel, MD, PhD, MACP Associate Dean for Medical Education

CONFERRING OF MASTER OF PUBLIC HEALTH DEGREES Mark S. Blumenkranz '72, '75

CONFERRING OF MEDICAL DEGREES Mark S. Blumenkranz

M.D., 76 M.M.S.

Board of Fellows

CONFERRING OF DOCTOR
OF PHILOSOPHY DEGREES
Mark S. Blumenkranz

AWARDING OF MEDICAL SENIOR CITATION**

PRESENTERS: Rahul Banerjee '14 M.D. Christi Marie Butler '14 M.D.

BENEDICTION

Rabbi Michelle Dardashti Associate University Chaplain for the Jewish Community and Rabbi of Brown RISD Hillel

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.

The College Ceremony

THE GROUNDS OF THE FIRST BAPTIST CHURCH IN AMERICA 12:10 P.M. (ESTIMATED)

PRESIDINGChristina H. Paxson
President

THE NATIONAL ANTHEM
Ivy Anastasia Alphonse-Leja '14

INVOCATION

The Reverend Janet Cooper Nelson *Chaplain of the University*

CONFERRING OF THE
BACCALAUREATE DEGREES
Christina H. Paxson

At the conclusion of the exercises the assembly will move to the College Green for the University ceremony.

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 2014 together and maintain a meaningful portion of the Commencement ceremony on the Meeting House grounds.

The University Ceremony

THE COLLEGE GREEN 1:00 P.M.

PRESIDING

Christina H. Paxson *President*

PROCESSIONAL

SENIOR ORATIONS

Caroline Sarah Bologna '14 "Labels"

Joshua Morgan Block '14 "Listen"

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

PRESENTATION OF BACCALAUREATE DEGREE RECIPIENTS

Margaret Klawunn Vice President for Campus Life and Student Services and Interim Dean of the College

PRESENTATION OF MASTER'S DEGREE RECIPIENTS

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

PRESENTATION OF M.D. DEGREE RECIPIENTS

Jack A. Elias 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

RECOGNITION OF FACULTY‡

PRESENTATION OF FACULTY TEACHING EXCELLENCE AWARDS‡

PRESENTER: Kevin McLaughlin

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 family, 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 36 of the program.

MUSIC

Brown University Commencement Band – Matthew McGarrell, *Director*

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.

^{*} Names of recipients are on pages 22-26.

^{**} Names of recipients are on page 27.

[‡] Names of recipients are on page 31.

Schedule in the Event of Storm Conditions

THE PAUL BAILEY PIZZITOLA MEMORIAL SPORTS CENTER 12:00 P.M.

PRESIDING

Christina H. Paxson President

THE NATIONAL ANTHEM
Ivy Anastasia Alphonse-Leja '14

INVOCATION

The Reverend Janet Cooper Nelson Chaplain of the University

SENIOR ORATIONS

Caroline Sarah Bologna '14 "Labels"

Joshua Morgan Block '14 "Listen"

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

CONFERRING OF THE BACCALAUREATE DEGREES

Christina H. Paxson

PRESENTATION OF BACCALAUREATE DEGREE RECIPIENTS

Margaret Klawunn

Vice President for Campus Life and Student Services and Interim Dean of the College

CONFERRING OF MASTER OF ARTS DEGREES, ad eundem**

PRESENTER: Kevin McLaughlin Dean of the Faculty

RECOGNITION OF FACULTY‡

PRESENTATION OF FACULTY TEACHING EXCELLENCE AWARDS‡

PRESENTER: Kevin McLaughlin

BENEDICTION

The Reverend Janet Cooper Nelson

RECESSIONAL

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, their family, and guests are requested to go to the locations designated for the distribution of diplomas. A listing of the locations appears on page 36 of the program.

COMMENCEMENT 2014 STORM PLAN

In the event of severe weather conditions on Sunday, the Commencement storm plan will be enacted by 6:00 a.m. The decision to move to the storm plan will be communicated via the Brown University home page, the Commencement website, a message will be recorded on (401) 863-3100, and a text will be sent to all graduating students.

If the Commencement storm plan is enacted, the procession will be cancelled. Should graduating students want to pass through the Van Wickle Gates, they will remain open until 6:00 p.m. on Monday.

The College and University ceremonies will be combined, moved indoors, and begin at noon. Undergraduates should report directly to the Pizzitola Sports Center between 11:00 and 11:30 a.m. Family and guests of seniors may view a simulcast of the ceremony in Meehan Auditorium, Salomon Center for Teaching, or Sayles Hall. Doors will open at 11:00 a.m. and seating will be limited in all locations. The ceremony will also be live streamed at www.brown.edu/web/livestream which can be accessed from most mobile devices. Diploma ceremonies will be held in the assigned locations following the University ceremony.

Ph.D. recipients should report directly to the ground level of Lyman Hall and master's recipients should report to the basement of Metcalf Research Lab by 9:00 a.m. to line up for the procession to the Graduate School ceremony on Ruth J. Simmons Quadrangle. Guests of graduate students should go to the tent on Simmons Quad for the 10:15 a.m. ceremony. The ceremony will be simulcast in Friedman Auditorium (Metcalf Research Lab) and in MacMillan Hall Rooms 115 and 117. Doors will open at 9:00 a.m. in all locations. The ceremony will also be live streamed at www.brown.edu/web/livestream which can be accessed from most mobile devices.

Medical School degree recipients should report directly to the Parish House behind the First Unitarian Church by 10:00 a.m. for the class photo. The procession will begin lining up at 10:30 a.m. in the Parish House. Guests of medical students should go to the First Unitarian Church for the 11:15 a.m. ceremony. Doors will open for guests at 10:30 a.m.

Brown University's 19th President

CHRISTINA H. PAXSON

hristina Paxson was sworn in as the nineteenth president of Brown University on Monday, July 2, 2012. At the time of her appointment in March 2012, she was dean of the Woodrow Wilson School of International and Public Affairs and the Hughes Rogers Professor of Economics and Public Affairs at Princeton University.

A 1982 honors graduate of Swarthmore College, Phi Beta Kappa, Paxson earned her graduate degrees in economics at Columbia University (M.A., 1985; Ph.D., 1987). She began her academic career at Princeton University in 1986, becoming assistant professor of economics and public affairs the next year. She became a full professor in 1997 and was named the Hughes-Rogers Professor of Economics and Public Affairs in 2007. While at Princeton, Paxson also served as associate chair (2005-2008) and chair (2008-2009) of the Department of Economics and was the founding director of a National Institute on Aging Center for the Economics and Demography of Aging. In 2000, she founded the Center for Health and Wellbeing, an interdisciplinary research center in the Woodrow Wilson School. The center established multidisciplinary graduate and undergraduate certificate programs in health and health policy. She served as the center's director until 2009.

Initially working on international economic problems of labor supply, mobility, savings, inequality, and aging, Paxson focused increasingly on the relationship of economic factors to health and welfare over the life course, particularly on the health and welfare of children. She has been the principal investigator on a number of research projects supported by the National Institutes of Health, the most recent of which is a study of adversity and resilience after Hurricane Katrina. She was elected vice president of the American Economic Association in 2012 and is a member of the Council on Foreign Relations.

^{*} Names of recipients are on pages 22-26.

^{**} Names of recipients are on page 27. ‡ Names of recipients are on page 31.

Brown Commencement Traditions

ommencement day at Brown University is a time of great ceremony, pageantry, 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 in 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 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 campus 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 procession is led by the chief marshal, a member of the 50-year reunion class, the deputy chief marshal, a member of the 25-year reunion classes, 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 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, and the mayor of Providence. 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.Ds.

THE UNIVERSITY CEREMONY

The president takes her seat in the centuriesold 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.

The university ceremony held on the College Green begins with the senior orations followed by the conferring of honorary degrees.

The president then bestows symbolic degrees on representatives of each category of 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."

A benediction concludes the ceremony. Directly following the university ceremony separate diploma ceremonies, inaugurated in 1974, are conducted by department chairs. Each ceremony is attended by the faculty of the department, the degree recipients, and their families and guests. A listing of the locations appears on page 36 of the program.

Candidates for Baccalaureate Degrees

BACHELOR OF ARTS

Hannah Clare Abelow Alv Medhat Rizk Abouzeid Michael Acevedo Alice Mia Addis Zelalem Negussie Adefris Tariq Issa Adely ‡ David Rashi Kremen Adler *‡Φ Faivad Omar Ahmad Shaan Ali Ahmed Kelsey Taylor Albright Niina M. Al-Hassan Ivy Anastasia Alphonse-Leja ‡ Serena Rajan Alwani * Krizia Anne Riego Amar Winifred Abigail Andersen * Christopher James Anderson *\$ Spencer David Anderson * Darcy Montgomery Andrews Julien Xavier Angel Eduardo Craig Andrew Angus Andrew Saull Antar Aniqa Anwar ‡ Chiamaka Alma-Marie Anyoku Hannah Mae Aponte Carlos Diego Aramayo Abraham Arambolo Anthony Edward Arias $\sharp \Sigma$ Peter Gregory Asimov *‡Φ Mani Askari Jr. Martin Rademacher Aspholm Sheza Algera Atiq *‡ Shira Atkins *‡ John Arana Aurelio Alysse Victoria Austin Soufiane Azargui Nasim Azizgolshani Géraud C. M. Bablon ‡ Joonwoo Bae Raymon Baek Charles Nicolas Littler Baird ‡ Matthew Scott Baker *Φ Gustav Baltscheffsky Aparna Bansal *φ Mateus Baptista * Mary Catherine Barrett ‡ Lena Mariel Barsky *‡φ Stacy Janine Bartlett Lucy Bunny Beatrix Bates-Campbell ‡ Sheyda Bautista-Saeyan Σ

* magna cum laude

Carolyn Eldredge Baxter

Blake Karsten Beaver *‡ Hannah Emily Bebbington * Benjamin Hersch Engelberg Becker Sumner Pardee Becker John Bradford Beckett Zoe Kathryn Beiser ‡ Daniel Lawrence Bellone Colin Ross Benthien Robert Louis Bentlyewski Sasini Samidya Bentota Madeline Baldwin Benz Carol Connie Bercovitch Dominik Berger ‡ Marissa Joy Bergman Nathan Palmer Bergmann-Dean Holleigh Parker Bergstrom Laura Grace Berman Srđan Beronja Marcel Michael Bertsch-Gout ‡ Julia Lee Best Sophie Anne Beutel Yasmine Beydoun Divya Jayawanth Bharadwaj Shweta Vijay Bhatt Godhuli Bhattacharya Pathikrit Bhattacharyya * Vincent Raymond Biagiotti Joshua Andrew Biber Matthew Thomas Billeci Meredith Bess Bilski ‡ Lauren Sara Bilsky *‡Φ Amber Joy Bledsoe Ioshua Morgan Block * Allison Samantha Bloom *Σ Hannah S. Bogen Caroline Sarah Bologna *Φ Cindy Denise Bonilla David Paul Bonomo Sam M. Boosalis Michael Charles Borge Briana Lyn Borgolini ‡ David Borgonjon ‡Φ Maria Daria Botin Sanz De Sautuola d'Ornano Andrew Benjamin Bower *‡ Rebekah Anne Boyer Theresa Marie Boyer ‡ Margaret Blair Brady Emma Evangeline Stevovich Brandt *‡Φ Jacqueline Michelle Braslow Hannah Helen Braun *‡Ф Alira Bethania Brea Louise Norris Breen Σ Katie Ann Brennan *Φ David Michael Brescia-Weiler Nicholas Albert Briggs Frances Louise Brittingham Marc Andrew Briz *‡Φ Jessica Elena Brodsky ‡Σ Ajani Jamar Brown Devon Allen Brown Ai-Tram Ngoc Bui ‡Σ John Edward Bumpus Brandon William Montclair

Burke

[‡] honors in concentration

Φ Phi Beta Kappa (elected senior year)

φ Phi Beta Kappa (elected junior year)

Σ Sigma Xi

T Tau Beta Pi

Theodore David Burke Jr. * Avery Elizabeth Burns Erin Kathleen Butler ‡ Nicole Ann Cacozza Joseph Elliot Cadabes Ariel Madeline Caldwell Heidi Waters Caldwell Laney Gray Caldwell Peter John Callas Blair James Cameron Alexandra Anne Camesas Marina Schimidinger Camim Michaela Leigh Campbell Luis Eduardo Campos ‡ Aisha Renae Cannon Thomas William Canty Angela Boya Cao William James Cao Thomas Francis Capone II Julieta Cardenas Vera Bocalandro Carothers ‡ Elizabeth Rine Carr *‡Φ Mitchelle Carrasquilla Elizabeth Ann Carroll ‡ Katherine Theresa Carroll ‡ Jesse William Castellanos Madilynn Whitney Castillo Daniel Aaron Cataldi Corinne Davis Cathcart Nicholas Isaac Cavell ‡ Minji Cha Louisa Davenport Chafee ‡ Susan Chakmakian Φ Ravna Kuntesh Chandaria Emily Yu-Jung Chang ‡Σ Shari Alethia Chase Emma Rose Chasen Stash Donald Chelluck Haoyu Chen Jefferson Chaoyu Chen * $\sharp\Sigma$ Leslie Chen Tiffany Ting-Yun Chen ‡ Curtis H. Cheng Christine Cherop Chloe Kar Yee Cheung Samantha Alexandria Cheung ‡ Sungkeun Andrew Chey Han Sheng Chia ‡ Michael James Chiboucas Kaitlyn Elizabeth Chin Σ **Emily Cindy Chiu** Steven Matthew Chizen Stephen John Chmil Jaehyun Cho Cortlandt Charles Choate III Ji Won Choi *‡ Yoon Jeong Chong David Hun Chung *Φ Vyacheslav Chupryna Jose Samuel Stanley Paul Clair Mackenzie Anne Clark Lauren Elizabeth Clarke James Antquinette Clemmons II Kimberly Anne Clifton *‡Φ Madeline Ann Coburn Bryan Addae Coleman

Ana Victoria Colón

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Ioshua Michael Grill

Dani Nicole Grodsky * Sean Neil Grogan Kelsey Rose Grossman Σ Dennis Wei Gu Patrick Prawirodihardjo Gunawan * Daniel Gutierrez-Jimenez Daniel Miles Hackney Christopher Jeyoon Hahn Cosmin A. Hanganu Cory McCormick Hargus ‡ΣΤ Amber Samantha Marie Harris *‡Σ Savanah Lee Harshbarger Σ Mary Lucia Leone Hedberg ‡ Julie Christine Helmers Σ Elbert Ekang Heng Σ James David Henneberry Σ Mark Austin Henriksen Kelly Gene Hering Anna Patricia Herlihy ‡ Maria De San Juan Hernandez Limon Kwun Kui Clarence Ho *‡ Adam H. Hoffman *‡Σ Gillian Isabella Horwitz *‡Σ Ning Hou ‡ Vivian Hsiao ‡ Kathleen Yuanning Hu *‡Φ Athena Lynn Huang *ΦΣ Conan Huang *‡T Jingtao Huang Tzu-Hsuan Huang Oliver Anstey Hudson Darish Huvnh Sean Jeffery Igelman *‡Σ Dara Michelle Illowsky Aamir Ali Imam Kyohei Itamura Σ Daniel Rance Jacobson *‡T Daniel Rowe Jacobson Vishesh Jain *‡Σ Abhabongse Janthong ‡ Madeleine Farber Jennewein $\sharp \Sigma$ Dora Katarina Jericevic Chenming Jiang Jaime Luke Jimenez Σ Flora Jin Anna Christina Johantgen Dannielle Renee Terese John Whiley Joo Yeon Jung *‡ΣT Michael Zachary Kader ‡Σ Erica Rachel Kahn ‡ Zohra Eqbal Kalani Raghavendra Masoor Kamalesh ‡Σ Katrina Ann Kardassakis *‡Φ Kamna Kathuria *‡φ Rohan Reddy Katipally *\$ Laura Gail Katz Perri Lane Katzman ‡Σ Peter Mezey Kaufman James Michael Kelliher Ismail Akhtar Khan * Hakrim Kim Inkyu Kim ‡Σ Sang Woo Kim *Σ Aaron Davidson King

Mali'o Wanda Elizabeth Kodis Ayano Kondo Katelyn Smith Kondra Σ Andrew Norman Kovacs Elizabeth Beverly Kripke Alexander John Kurihara Kidai Kwon Clarence Chun Yip Lam Valerie Nicole Langberg Meralis V. Lantigua Martínez Taliya Anna Lantsman *‡Σ Drew Michael Leahy Nichaluk Leartprapun ‡Σ Jonathan Samuel Leavitt ‡ Alec Lee Caroline Joo-Hyun Lee Edward Hyosuk Lee * Eunice J. Lee Hannah Jihye Lee $\ddagger \Sigma$ Ingu Lee * Jaeyoon Lee *‡ James Nicholas Lee Sunghwan Lee Matthew Austin Leon Aidan Neal Leonard Kohana Dendroica Leuba ${\ddagger}\Sigma$ Audrey Frances Lew Σ Greyson Reid Lewis Evan Yeejin Li Jiacheng Li *‡Σ Jinqing Li Rebecca Diane Lichtin $\sharp \Sigma$ Charlie Poisson Lin * $\pm\Sigma$ Amanda Rachel Liu *‡Σ Kai Herng Loh Arisa Caitlin Lohmeier Isaac Saul Lopez Σ Helen Sieller Lord Σ Michael Kopeland Lorinsky Nicholas Alexander Lourie *‡φ Nakul Luthra Sahil Luthra $\ddagger \Sigma$ Thomas Christian Lutken Eva Lyubich $\sharp \Sigma$ Ramya Mahalingam *T Sana Z. Majid $\ddagger \Sigma$ Shahid Karim Mallick *Σ Robin Tibor Martens $\ddagger \Sigma$ Joseph Sebastian Mathew $\ddagger \Sigma$ **Emily Rose Matteson** Stephanie Nakia Mayne-Flood Benjamin Cash McDonald Steven James McGarty Daniel Rosen McGill Σ Ryan Roberts McKeown *‡φΣΤ Saloni Mehrotra ‡ Lan Mei *φ Timothy Forrest Mellor Matthew Scott Miller Zachary John Minster Jeanette Christine Miranda ΣT Julie Elyssa Mond Benjamin I. Moon Lucas Manabu Morduchowicz Abigail Ruth Moses Richard Albert Mosesso

Beth Hillary Mottel ‡Σ Alison Hutchinson Mullin Σ Hillary Elizabeth Mulvey ‡Σ Alison Zheutlin Murphy Σ Joel Isaac Nackman 3 Ali Haider Imran Nasser Corbyn Mbock Nchako ‡ Hannah Rachel Nelson *‡ΦΣ Elizabeth Jane Neu Katherine Wingyee Ng Kevin Trong Khang Nguyen ‡Σ Khoi Dac Nguyen ‡ Thomas Nguyen Tung Thanh Nguyen Σ Kuleen Nimkar *φ Nestor Novola *‡ John Woodbridge Oberbeck Rachel Hope Occhiogrosso *‡ΦΣ Carl Jonas Olsson Hannah Kathleen O'Neill ‡Σ Patrick Liam O'Neill *‡φΣΤ Ji-Hui Gavyn Ooi Σ Nora J. Orton * Kareem Kamal Osman Alisa Caitlin Etoh Owens *‡ΣΤ Jackson Blair Owens Adewole Chongwain Oyalowo Σ Marjorie Zalani Palmeri Σ Jill Alexandra Pandiscio * Andrew Park Jr. James Johng Hun Park ‡Σ Philip Woodphil Park Seon Yeong Park ‡Σ Anna Mae Parmelee *Φ Timothy Allen Parsons Matthew Maurice Patenaude Daniel Baker Patterson Kelsey Iyana Paul-Stubbs Anthony Vincent Pellegrino Ignacio Perez Pozuelo *Σ Andrew Michael Perilli Alexandra Frances Peseri Nicole Ting Peterson Alison Anh Huynh Phan Chukiat Phonsom * Tiffany Phu Σ Mauricio Fernando Pinilla Σ Daniel Ryan Podlisny Wei Jie Jason Poh *‡ΦΣ Jacob Turner Pollien Michael Archer Presser Chiara Prodani ‡ William Robert Quirk Joshua Marc Raanan Σ Harry Junior Ramsamooj Michael David Raposo Ilya Olegovich Raskin Dhruv Rawat Emily Eby Regier *‡

* magna cum laude

Blake Andrew Reinson Marissa Bettay Reitsma *‡ Justin Michael Remer Σ Deivid L. Ribeiro ‡ Gina Marie Roberti Eric Anthony Robertson Stefan Carlos Paulo Rodriguez Ryan Roelke * Kevin Andrew Rogers Σ James Philip Roose ‡ Alexandra Sara Ross Robert Nathaniel Rozansky ‡ Jehane Alexandre Samaha Daniel Joseph Sambor Σ Kenneth Kiprop Sanga Andrea Lynn Sassenrath William Lawrence Scheving ‡Σ Daniel John Schneider Ellen Patricia Sellinger Leela Senthil Nathan *Φ J. Young Seol *‡φ Meghal Shah ‡ Alan Shan *‡φΣ Rongzi Shan *‡ΦΣ Jeremy Samuel Shar * $\Phi\Sigma$ Maxwell Aaron Sherman *‡ΦΣ Kaylyn Jun Shibata Connor James Shinn ‡Σ Nora Rose Nedde Shipp ‡Σ Michelle Maggie Shnayder *‡Σ Jason Chek Heng Shum Andrew Lawrence Mills Shumate Jean Jacques Yv Giraneza Sibomana Adam Blyn Siegel Σ Mika Natalie Siegelman Katarzyna Sierzputowska Robin Deborah Sifre *‡Σ Andrew Edward Silverman *‡Σ Peter Taylor Simpson *‡ΦΣ Andrew Thomas Smith \$ Camille Ally Spencer-Salmon ‡ Kurt Edward Spindler Donald Alexander Sproal Samantha Holmes Squires Rahul Srivathsa George H. Steele Rebekah Ann Stein Jacob Aaron Stern Brett Michael Stevens Armide De Saulles Storey ‡ Angela Gwynne Straccia *T Jasmina Suko Σ Conor Andrew Sullivan ‡Σ Sharon Yun Sun Σ Amy Jessica Sung *Φ Micah Manheim Swann Corrine Diana Szczesny Mireya Paz Taboada Σ Cooper Dean Tamayo ‡ Brenda Yang Tan ‡ Eleanor Tang Arison Theodore Than Jennifer Elizabeth Thomas

Nathan Philemon Thomas Jr. $\ddagger \Sigma$

Johanna Clare Thompson-Westra

Githiora Thuku Σ

Alvin Hok Yan Tin Kenneth Tiong Boon Kiat Daniel Francis Tonderys ‡ Kaitlyn McAdams Tracy *‡Σ John Quang-Tuan Tran Elizabeth Rachel Turnbull Σ Alec Raymond Tutino Nantawat Udomchatpitak * Rei Ukita T Luka Ursic * Laura Isabella van Dyck ‡ Hannah Martin Varner ΣT Max Raymond Vinhateiro Brandon Henry Vorrius Elias Webster Wald *‡ Bowei Wang Jixuan Wang Emmett Wendell Weeks Stephen Butler Weinreich *‡ Evan Samuel Weinstock Vanessa Mercedes Welten *‡ΦΣ Meghan Bohannon Wenzel Kelsey Brianne Williams ‡Σ Emily Marie Wingrove $\sharp \Sigma$ Kamil Michal Witek * Christopher James Wright ‡Σ Jeffrey Hao Wu *‡ Ka Ling Wu ‡Σ Samy M. Wu Fung Katherine Brenda Xiong *‡φΣ Beverly May Xu Zifan Yang Kathryn Ann Yates *‡Σ Claudine W. Yee * $\sharp\Sigma$ William J. Yegelwel Charles Chen-Chieh Yeh Sarah Pik Yu Yip *Φ Jay Dow Young *T Eliot Young Yu * Michal Filip Zienkiewicz Matteo Oscar Ziff William Butler Zimrin

BACHELOR OF ARTS AND BACHELOR OF **SCIENCE**

Anzhe Zu

Gianna Badiali ‡ Paula Pattison Dixon T Clayton Raymond Dunwell Junkyung Kim ‡ Amanda Lee ‡ Travis Grice Lloyd *φ Natasha Shervani ‡Σ Nicholas Alexander Sinnott-Armstrong *Σ Sean Jau-Ren Yancey

Candidates for **Advanced Degrees**

MASTER OF ARTS Lauren Michelle Abman Public Humanities Kristina Maricela Acevedo Urban Education Policy Qussay Al-Attabi Comparative Literature Kimberly Kowal Arcand Public Humanities Malay Firoz Das Arora Anthropology Sarah Hart Ashby Portuguese and Brazilian Studies Larry Au History Lily Benedict Public Humanities James Malcolm Bernard Economics Hillary N. Brady Public Humanities Kelly Marie Branham Political Science Sarah Brown American Studies Jamie Saint John Bucknell Urban Education Policy Navarra Sky Buxton Urban Education Policy Victoria Cabot Molecular Biology, Cell Biology, and Biochemistry Karen Lee Carpentier ESL Education and Cross-Cultural Studies Timothy Philippe Carpentier ESL Education and Cross-Cultural Studies Robin Merissa Carr Urban Education Policy Charles Scott Carroll History Michelle Sass Castaneda Theatre and Performance Studies Victoria Lynn Charette Public Humanities Kangzhi Chen American Studies Peter Cheng-te Chou

Biology

Teresa Joyce Clifton

Hispanic Studies

[‡] honors in concentration

Φ Phi Beta Kappa (elected senior year)

φ Phi Beta Kappa (elected junior year)

Σ Sigma Xi

T Tau Beta Pi

Matthew Paul Colburn Kathleen Elizabeth Haughey Allison Sloan Roberts Hilary Thompson Magruder English Ethnomusicology Pathobiology Public Humanities Paul Keith Margrave R. Elon Cook Jody Leigh Hawes Louisa Scott Rockwell Public Humanities Public Humanities Biology English Sarah Gwyn Horkel Ginamarie Masiello Anne-Gabrielle Marie Roussel Samuel Ross Crenshaw Archaeology and the Ancient Urban Education Policy ESL Education and Cross-French Studies Brian Andrew Christopher Elizabeth Martha Rule Cultural Studies Shannon Cullen Horton Robert Patrick Mayne American Studies Urban Education Policy Sociology Anthropology Kazuha Saito Mahesh Dahal Talya Shoshanna Housman Vilma Rosa Medrano American Studies Molecular Biology, Cell Biology, Economics History Jessica Simone Sally Julia Armsden Daniel Ching-Han Hsiao and Biochemistry Urban Education Policy Urban Education Policy Biostatistics Nicôle Paula Meehan Stephen Gideon Sandford Keila R. Davis Eliza Jane Hulme American Studies Slavic Studies Public Humanities English Lilian Gabrielle Mengesha Timothy Lawrence Rodford Caroline Cecilie Iwarsson Daniel Gerard DeCelles Theatre and Performance Sandiford ESL Education and Cross-American Studies Studies Archaeology and the Ancient Cultural Studies Harry Clay Merritt Kathleen Janette Jackson World Nicole DellaRocco ESL Education and Cross-History Michael Ernest Sawyer Urban Education Policy Sara Bissrat Mersha Comparative Literature Cultural Studies Jennifer D. Schnepf Adrienne V. Dominguez Tori Brittany James **Environmental Studies** Urban Education Policy Urban Education Policy English Anne Meyer Samantha Page Jeschonek Urban Education Policy Brian T. Scott Christine Marie Dunbar ESL Education and Cross-Molecular Biology, Cell Biology, Stefanie Ellen Miller Theatre and Performance Cultural Studies and Biochemistry Theatre and Performance Studies Awarded Posthumously Alba Serino Suzanne Christine Enzerink Kangning Jiang Studies Chemistry Ken Miura History of Art and Architecture American Studies Maxwell Thomas Ernst Rajeev Kadambi **Economics** Yibing Shen Political Science Political Science Bryan Taylor Moorefield Sociology Rachel Elizabeth Shipps Abigail Ettelman Peter Hyun Kim Anthropology Public Humanities Public Humanities English Colin Liam Morgan Erin Ann Fairburn Dana Michelle Smiles Matthew R. King History ESL Education and Cross-Michael Warren Murphy Egyptology and Ancient Sociology Western Asian Studies Sociology John Lucian Smith III Cultural Studies Jessica Lynne Nelson Buddy Brisco Farmer Katherine Elmstrom Klenk History Anthropology Urban Education Policy Urban Education Policy Judith Miriam Smith Aaron John Niznik Javier Fernandez Galeano Rachel Eve Knecht History Holly R. Sorenson History History Sociology Denise Beth Fontaine Henryk Matthew Kowalski Daniel Patrick Ochs Chemistry ESL Education and Cross-Urban Education Policy Nathan Storring History Cultural Studies Esther Viola Kurtz Lakshmi Padmanabhan Public Humanities Allison Marisa Strumolo Caleigh Alexandra Forbes Ethnomusicology Modern Culture and Media History of Art and Architecture Jonathan Lande Matthew Reinaldo Pierce ESL Education and Cross-Raina Elise Fox History ESL Education and Cross-Cultural Studies Mary Elizabeth Laski Public Humanities Cultural Studies Bo Sun Marcelo Freddi Lotufo Urban Education Policy Daniel M. Platt American Studies Comparative Literature Andrew Douglas Lay American Studies Asha Kiran Tamirisa Urban Education Policy Vaishali Garga Resi Polixa Computer Music and Benjamin William Legg Public Humanities Multimedia Economics Justin W. Gibson Portuguese and Brazilian Apollonya Maria Porcelli Jerrine Ee-Wen Tan Sociology French Studies Studies English Taylor Carrington Leigh Balamuralidhar Posani Adi Gold Amy Sara Teller . Hispanic Studies Portuguese and Brazilian Sociology Political Science Kimberly June Lewis Seth Dominicus Thorn Studies Kevin Brett Proulx Cortney D. Griffith Anthropology Computer Music and Economics Urban Education Policy Yichun Lin Meredith Reimer Pustell Multimedia Florian Felix Gunsilius Biostatistics Jamie Michele Topper Sociology Economics Amy Yang Liu Ayalu A. Reda Public Humanities Violeta Andrea Gutkowski **Biostatistics** Sociology Yashas Vaidya Economics Yi-Hung Liu Meaghan Elizabeth Reilly Sociology Ricarda Hammer American Studies Urban Education Policy Robert Allison Walsh Biotechnology Mauro Resmini Sociology Johnnie Anne Lotesta Emma Louise Handy Sociology Italian Studies Marcus Barrow Walton Chemistry Kelsey Lynne Lucas Political Science Joo Kyung Jenn Rhee Elizabeth Joy Harris Urban Education Policy **Urban Education Policy** John Sumner Warren Katelyn Marie MacDougald Jacob Alexei Robbins Urban Education Policy Urban Education Policy

Economics

History

Nathaniel Thomas Weisenberg
Public Humanities
Meghan Wieckowski
Urban Education Policy
May Wijaya
Public Humanities
Andrea Lee Wright
Anthropology
Yizhi Xiao
Comparative Literature
Lizhe Xu

Biostatistics
Inni Youh
History
Xinyi Zhang
Economics
Xuan Zhang

Economics Yang Zheng American Studies Tara Zimonjic

Urban Education Policy

MASTER OF ARTS IN TEACHING

Asma Ahmed
Science
Julio Angel Alicea
Social Studies
Alyssa Daniels Bachmann
Science
Jacqlyn Chloe Bender
Social Studies

Alison Danforth Bennett Elementary Education

Emily Rose Berman *Science*

Logan Thomas Bonney
Social Studies

Christopher Sheridan Brathwaite *Science*

Elizabeth Hayes Carr Elementary Education Jared Anthony Crean Elementary Education

Sarah E. Doubleday Social Studies

Nathan Mikel Elder Social Studies

Everett Eames Epstein English

Joanna Leigh Goldin Elementary Education

Kelly Robin Gomez Science

Emily Jane Griffins *Elementary Education*Victor Pearse Haley Jr.

Hector Hernandez *Elementary Education*

Elementary Education

Sarah Leigh Horvath
Elementary Education

Marc Joseph Langer Science Helen Yang Lee Social Studies

Ruth Li
English

Alyssa Mayer Social Studies

Jasmine Christine Meade Elementary Education

Laura Jane Neill English

Victoria Marie Pang Social Studies

Sally Anne Patton Social Studies

Warren John Perdrizet *Science*

Emily Osra Perry Science

Beau Frederic Poppen-Abajian Elementary Education

Michelle Randenberg *Elementary Education*

Lindsay Denise Robinson Elementary Education

Jaymes Bryan Sanchez English

Michael Henry Stewart Social Studies

Jenna Mae Sweitzer English

Sara Tahir English

Anna Laurel Johnson Weisberg Elementary Education

Timothy Jae Yun Social Studies

MASTER OF FINE ARTS

Emily Abrons Literary Arts Mona Awad Literary Arts Joshua James Caffrey Literary Arts Benjamin Gordon Chase Theatre Studies: Acting Laura Elizabeth Colella Theatre Studies: Playwriting Alex Michael Curtis Theatre Studies: Acting Catherine Briana Dupont Theatre Studies: Acting Sherri Eldin Theatre Studies: Acting Molly Caitlin Faerber Literary Arts Gregory Bryan Fallick Theatre Studies: Acting Peter Thomas Giebel

Literary Arts

Literary Arts

Theatre Studies: Acting

Derek Nicholas Gromadzki

Sarah Rose Handelsman Theatre Studies: Directing

Benjamin Grills

Steven Lee Jaehnert Theatre Studies: Acting Sylvia Rachel Kates Theatre Studies: Acting Tangela Renee' Large Theatre Studies: Acting Mark Richard Larson Theatre Studies: Acting Elise Marcae LeBreton Theatre Studies: Acting Meredith Teresa Luby Literary Arts Benjamin Thomas Luton Literary Arts Taibi Ann Magar Theatre Studies: Directing Nikoo Massoud-Moghaddam Theatre Studies: Acting

Theatre Studies: Acting
Erica Spahn Mena-Landry
Literary Arts
Ted Moller

Theatre Studies: Acting
Benjamin Roberto Moreno Ortiz
Literary Arts

Christopher Michael Novello *Literary Arts* Carisa Anik Platt

Theatre Studies: Acting
Kelly Christine Puig

Literary Arts
Casey Llewellyn Ratliff
Theorem Studies Planneting

Theatre Studies: Playwriting Matthew Edward Russell Theatre Studies: Acting Bridget Gina Saracino

Theatre Studies: Acting Zdenko Martin Slobodnik Theatre Studies: Acting

MASTER OF PUBLIC AFFAIRS

Adolfo Bailon
Public Affairs
Ivy DePew
Public Affairs
Sarah J. Hall
Public Affairs
Eleanor R. Kane
Public Affairs
Amber Ma
Public Affairs
Samuel J.L. Rogers
Public Affairs
Desmond Graham Sheridan Jr.
Public Affairs

MASTER OF PUBLIC HEALTH

Maya Balamane
Public Health
Amanda Michelle Bortolotto
Public Health
Amrita Bhawani Chadha
Public Health

Katherine Rachel DeAngelis Public Health Eleanor Lyn DiBiasio Public Health Kimberly Marie Dickinson Public Health Esther Dorzin Public Health Hailee Kristen Dunn Public Health Corev R. Fehnel Public Health Estefany J. Flores-Cortez Public Health Joshua Randall Freeman Public Health Angelina Taleene Gennis Public Health Kathryn Elizabeth Haron Public Health Shuo Jim Huang Public Health Sophie A. Khokhawalla Public Health Stella Wanjiru Kiarie Public Health Chiao-Wen Lan Public Health Wei Lu Public Health Evangeline Lea McDonald Public Health

John Thien Nguyen
Public Health
Chenelle Norman
Public Health
John Vincent Patena

Public Health

Marlanea Elizabeth Peabody

Public Health

Leigh-Whitney Pyron
Public Health
Alison Riese

Alison Riese

Public Health

Ashley Elizabeth Riley

Public Health
Catherine Rogers
Public Health

Nadine Patricia Sauer Public Health Rachel Pass Scagos

Public Health
Joshua Shreve

Public Health Paola Soto

Paola Soto Public Health

Frances Turcotte Benedict

Public Health

Liouving Wong

Jieying Wang
Public Health

MASTER OF PUBLIC POLICY

Chang Liu
Public Policy
Matthew Ian McCabe
Public Policy
Melina Maureen Packer
Public Policy
Gayatri Sahgal
Public Policy

Kelsey Alexandra Sherman
Public Policy

Jonathan Charles Stoll *Public Policy*

Weichao Zhang *Public Policy*Qiyao Zhu

Public Policy

MASTER OF SCIENCE

Victoria Adedoja Adewale Biotechnology Steven Tea June Ahn Engineering Ian Michael Alevy

Applied Mathematics

Karina Margaret Lobben

Alventosa Engineering

Kenneth Brian Ascher *Mathematics*

Elaina Hope Atherton Biotechnology

Ji Won Bang Psychology

Brendan Barry

Applied Mathematics

Samuel Wade Bell Geological Sciences

Aaron Vincent Berard

Cognitive Science
Michelle Lynn Bookstaver

Biomedical Engineering
Emilie Helen Bourke

Behavioral and Social Sciences
Intervention

Stephen Andrew Brawner

Computer Science

Carey Allen Caginalp

Applied Mathematics
Kevin Michael Cannon

Geological Sciences

Ryan Marc Carney Ecology and Evolutionary Biology

Yao-Jen Chang Neuroscience

Cheng Lun Chen
Computer Science

Chun-Hao Chen Engineering Wenzhe Chen Physics

Physics
Zhixiong Chen
Computer Science

Xiaoxing Cheng

Applied Mathematics;

Biostatistics

Do Kook Choe Computer Science

Jessica Shannon McGowan

Engineering

Kelsey Marie Collins

Behavioral and Social Sciences Intervention

Ronald Terik Daly

Geological Sciences

Michael Eric Danziger

Molecular Biology, Cell Biology, and Biochemistry

Paulo Geronimo da Silva Jr.

Engineering Mingge Deng

Applied Mathematics

Chetram Anand Deochand Biotechnology

Lisa Beth Dokovna

Psychology

Spandan Dutta
Computer Science

Marquita May Ellis Computer Science

Alyssa N. Feldman *Biostatistics*

Daniel Alejandro Fernandez Computer Science

Samuel Robert Fricchione Behavioral and Social Sciences Intervention

Darcy H. Gagne Biotechnology

Fan Gao

Computer Science
Daniel Edward Gerbig

Daniel Edward Gerb.

Engineering

Esha Ghosh

Computer Science

Max Aaron Gottesma

Max Aaron Gottesman Engineering

Connor Casey Gramazio

Computer Science

Hannah Rebekah Graves

Behavioral and Social Sciences
Intervention

August Guang

Applied Mathematics

Hua Guo

Computer Science

Christopher Withington Halladay Biostatistics

Noah Patrick Hammond Geological Sciences

Xu Han

Computer Science

Thomas M. Harrington *Physics*

Ammar Kamal Hattab Engineering

Hui He

Applied Mathematics

Christopher David Heelan Engineering

Engineering Mark K. Ho

Cognitive Science

Amanda Avery Howard

Applied Mathematics

Renxia Huang

Biostatistics

Tenghao Huang

Engineering
Naveed Noorallah Id

Naveed Noorallah Jooma Biomedical Engineering

Kassandra Lee Kelly Cognitive Science

Rachael Evonne Kirkwood Computer Science

Jillian R. Kiser Engineering

Evgenios Kornaropoulos
Computer Science

Ravi Kumar

Engineering

Dhilip Hai Wa La

Philip Hoi Wa Lai Ecology and Evolutionary Biology

Jacqueline H. Lane
Computer Science

Julia Seungmi Lee Engineering

Joshua W. Leung
Biomedical Engineering

Benjamin Theodore LeVeque *Computer Science*

Shuai Li

Geological Sciences

Wei Wish Li Engineering Xiaolu Li

Computer Science

Yan I i

Computer Science

Computer Sca Yueting Li Engineering Lixing Lian

Computer Science Max Yoffe Liberman

Max Yoffe Liberman

Xinyi Lu

Computer Science

Maria Fernanda Lugo Bolanos Engineering

Jonathan Christopher Mace Computer Science

Tracy E. Madsen
Clinical and Translation
Research

Koketso Daniel Makhafola

Engineering Anubhav Malhotra Computer Science Numann Ahmed Malik Mathematics

Vidur Malik
Computer Science
David Bennion Manning
Behavioral and Social Sciences
Intervention

Justin Warren Martin Psychology

Marc Thomas Mayes Geological Sciences

John Leonard Meehan Computer Science

Yun Miao

Computer Science Michail Michailidis Computer Science

Miriam Melissa Midoun Behavioral and Social Sciences

Intervention
Sarah Mirza
Biotechnology

Jessica Sarika Mitter
Behavioral and Social Sciences

Intervention Justin David Morse

Biomedical Engineering Hillary P. O'Brien Geological Sciences

Juyoung Cindy Oh

Biotechnology

Francisco Franco Hohman de

Oliveira

Engineering
Zachary I Pag

Zachary L. Page *Cognitive Science* Chelsea Lauren Parker

Geological Sciences
Boyan Mariov Pavlov

Biotechnology Mandy Gomes Pereira Biotechnology

Justin L. Pombrio

Computer Science

Chao Qian

Computer Science Tianyu Qian

Computer Science
Dat Quang Quach

Computer Science
Stephen Douglas Racca
Engineering

Jeffrey Thomas Rasley Computer Science

Cheng Ren
Computer Science

Daniel Martin Saenz Biotechnology

Miguel Rafael Segura-Sempere Geological Sciences

Valay Yogeshkumar Shah Computer Science

Sylvia Chepkemoi Shangani Behavioral and Social Sciences Intervention

Jiangnan Shangguan Computer Science

Tuo Shao

Computer Science

Wei Shen

Computer Science

Jay Sheth Engineering Cengke Shi **Applied Mathematics** Amy Elizabeth Silvia Behavioral and Social Sciences Intervention Nicholas Alexander Sinnott-Armstrong Computer Science Daniel Alan Smith Biotechnology Michael Li Spector Cognitive Science Vivian Zheng Sun Geological Sciences Weifeng Sun **Applied Mathematics** Xinmiao Tan Epidemiology Shengdong Tang Engineering Xiaofeng Tao Computer Science Tonya Leigh Tavares Behavioral and Social Sciences Intervention David Michael Tersegno Physics Vineeth Venugopal Engineering Qingyun Wan Computer Science Yujie Wan Computer Science Chun-Che Wang Computer Science Ningquan Wang Engineering Sijia Wang Behavioral and Social Sciences Intervention Ward Patrick Weathers Engineering David Kutai Weiss Geological Sciences Anqi Wen Engineering Ben Ensrud Whitney **Applied Mathematics** Benjamin N. Wiener Physics Matthew Craig Wylie Clinical and Translation Research Emily Marie Hazel Xavier Behavioral and Social Sciences Intervention Xide Xia Engineering Silao Xu Computer Science Chao Yang Computer Science Fan Yang Computer Science Ting Yang

Yuanli Yang Engineering Ren Yi Mathematics Sheng Yin Applied Mathematics Insun Yoon Engineering Xiang Yu Engineering Hallie Jill Zeller Engineering Anja Zgodic **Biostatistics** Dongkun Zhang Applied Mathematics Lei Zhang Biomedical Engineering Minrui Zhang Computer Science Ruixiao Zhang Physics Shu Zhang Computer Science Tianyang Zhang Engineering Xue Zhang Physics Zhiyuan Zhang Computer Science Ruike Zhao Engineering Zhigang Zhong Computer Science Beini Irene Zhou **Applied Mathematics** Guangyao Zhou **Applied Mathematics** Rui Zhou Computer Science Yipin Zhou Computer Science

Yiran Guo

Kangbei Jiang

Innovation Management and

DOCTOR OF MEDICINE

Kimberly Marie Dickinson

Bryant David Faria

Jude Thérèse Fleming

Entrepreneurship

Entrepreneurship

Entrepreneurship

Entrepreneurship

Entrepreneurship

Entrepreneurship

Entrepreneurship

Entrepreneurship

Jacob Cheng Pei Price

Entrepreneurship

Entrepreneurship

Entrepreneurship

Entrepreneurship

Entrepreneurship

Entrepreneurship

Napatsapa Vajarodaya

Entrepreneurship

Nadine Torbey

Pratik Atul Thakkar

Younghwan Shin

Aditva Singh

Chandhini Raghupathy

Surbhi Maurya

Ronak Naresh Massand

Daniel Jesuph Lim

Ruizhen Liu

Yu Liu

Gaurav Kathuria

MASTER OF SCIENCE IN INNOVATION MANAGEMENT AND ENTREPRENEURSHIP ENGINEERING

Entrepreneurship

Nina K. Avala William F. Alves Neishay Ayub Innovation Management and Rahul Banerjee Entrepreneurship Brian Aoqi Bao Sabina Karolina Won-Ju Aerielle Derricia Booker Colin William Burke Andersson Innovation Management and Christi Marie Butler Entrepreneurship Catherine Jean Chamberlain Jelten Emil Coen Beekhuis Jason Wing-Hong Chan Innovation Management and Brian Lee Chang Entrepreneurship Anna Hsu Chon Hassan Ali Chamseddine Katrina F. Chu Innovation Management and Jack Elliott Pio Cossman Entrepreneurship Melissa Marie Cranford Ze Hui Chen Jessica C. Dai Innovation Management and Antoinette Shani Dawson

Libertad Thelma Flores Jayne Taylor Gaubatz Rabih Mounir Geha Matthew Griffin Nachiketa Jigyasu Gupta Christina Paige Guzman Steven Winston Hang Jonathan Hernandez Zachary Gray Hoffman Rashid Syed Hussain Neil Christopher Jackson Lisa Jacobs Daniel Sabido Jamorabo Elizabeth A. Janopaul-Naylor Rosa Herminia Jimenez Heather Genevieve Jones Roxanna Daniela Juarez Jenny Ann Jun Jenna Melanie Kahn David Jungsuck Kim Julia G. Kim Michael Gulchu Kim Rve-Ji Kim Matthew Richard Klein Aaron Kofman Sheela Krishnan Shreyus Sanjay Kulkarni Dennis Hoon Kwon Farah Leena Laiwalla Alisha Lakhani Kate LaMancuso Benedict Stefan Landgren Mills Cameron Elizabeth Walker Lang Stephanie Thuy Tien Le Eric Lee Jenna Catherine Lester Tong Liu Jason Jesus Lopez Madeline K. Mahowald Alexis Anastasia Mancini Rachel Marie Marano Laura Osmond Marcus Ryan Christopher Mason Laura Yvonne Mercurio Samuel Andrew Miller Jessica Erin Mitchell John Carlos Molina Alejandra Navarro Jennifer Ann Nykiel Sando Baysah Ojukwu Melissa Ellen Paulen David Barth Penn Laura Ashley Perez Grace Lorna Price Arkady Rasin Linda Ratanaprasatporn Lisa Ratanaprasatporn Ariana Kristina Raufi Mary Alice Richter Hildred Sarah Rochon Ralph Rogers Jordan Scott Sack Deepika Sagaram

Zachary Alexander Schwager

Mae Shen

Hye Gi Shim

Paul Albert Shultz

Engineering

Steven Thomas Straube Josef Nevers Tofte Raj Ghanshyam Vaghjiani Mansi Shah Vasconcellos Jennifer Yong Matthew D. Young Jinyu Zhang

DOCTOR OF PHILOSOPHY

Toni-Marie Achilli

Biomedical Engineering

Quantifying Uptake, Transport,
and Elimination in 3-D SelfAssembled Microtissues

Sinem Adar
Sociology
Waiting for the Future,
Longing for the Past:
Ambiguities of Belonging in
Turkey and Egypt

Golareh Agha

Epidemiology
Socioeconomic, Behavioral,
and Epigenetic Underpinnings
of Cardiovascular Disease

Derek Cole Aguiar

Computer Science

Genome-Wide Algorithms for

Haplotype Assembly, Haplotype
Phasing, and IBD Inference

Erika E. Alexander

Psychology

Orienting Underwater: How

Rana catesbeiana (American

Bullfrog) Tadpoles Detect

Flow Fields

Justine Jeanne Allen
Neuroscience
Adaptive Edge Design for
Visual Camouflage:
Biomechanics of Morphing
3-D Skin Papillae in
Cephalopods and Changeable
Cryptic Body Patterning in
the Slender Filefish

Andrea Ellen Allgood
Religious Studies
Foreign Lands—Multiple
Perspectives: Foreign Land
Impurity in the Hebrew Bible,
Its Context, and Its Ideological
Underpinnings

Stephanie Leigh Angione
Biomedical Engineering
Microfluidic Platforms for
Molecular Diagnostics and
Developmental Biology

Tyler Delvan Ard

Neuroscience

Large-Scale Cortical

Electromagnetic Functional

Connectivity During

Audiovisual Processing

Henry C. Astley

Ecological & Evolutionary Biology
Performance, Mechanics, and
Diversity of Anuran Jumping

Biostatistics
Covariate Defined Latent Space
Models for Social Networks
with Extensions to
Biomolecular Pathways

Glareh Azadi

Biomedical Engineering

Microscale Transport

Mechanisms: Effect

of Electrokinetic and

Interfacial Interactions

Andrea Mae Austin

Foteini Baldimtsi

Computer Science

Efficient Cryptography
for Information Privacy

Brian Aoqi Bao
Biomedical Engineering
Conventional and Novel
Membrane Channel Proteins
in 3-D Multicellular Aggregate
Assembly and Spreading

Jonathan Robert Barchi Neuroscience Flight Path Dynamics and Spatial Memory in the Big Brown Bat

Jennifer L. Barredo
Neuroscience
Functional and Anatomical
Pathways Supporting the
Cognitive Control of
Memory Retrieval
Jordan Pascoe Bartee

Jordan Pascoe Bartee

Computer Music and

Multimedia

Ontological Toys

Maria Angélica Bautista Duarte Political Science
The Political and Social
Consequences of State-Led
Repression: The Chilean Case

Kristin M. Beale

Molecular Biology, Cell Biology,
and Biochemistry

Coupling Gamete Fusion
with Sperm Cell Delivery
Maximizes Reproductive
Success in Flowering Plants

Elizabeth A. Bennett

Political Science
Stakeholder Inclusion
and Power in Ingos: The
Governance of Fairtrade
International

Yelena Biberman

Political Science

Gambling with Violence:

Why States Outsource the
Use of Force to Domestic

Nonstate Actors

Cassandra Kathryn Bilogan

Molecular Biology, Cell Biology,
and Biochemistry

Analysis of Endoderm

Patterning and Pancreatic

Organogenesis in Xenopus laevis

David M. Blanding

Political Science
Policy Infrastructure and
the Politics of Civil Rights
Joshua Michael Blaylock

French Studies
Through a Glass Darkly:
Secrecy in the Sixteenthand Seventeenth-Century
French Novella

Nicolas P. Bommarito *Philosophy* Inner Virtue

Lindsay Devon Brin

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Vania Yu Cao
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Nicholas Poole Carter

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Maya Lowlands

Natasha Rene Catlin

Pathobiology

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Low Dose Co-Exposures Li-Hung Chang Cognitive Science The Effects of Aging on Visual Perceptual Learning and Plasticity

Jeremy J. Chapman

Physics

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Leah Christine Cheek

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Highland Crustal Mineralogy

Derived from Remote Sensing
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Peng Chen
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and Mechanical Behavior of
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Thomas Chiachieh Chen

American Studies

Remaking Boston's Chinatown:
Race, Space, and Urban
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Yantao Chen

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Synthesis, Properties, and
Applications of Folded and
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Zheng Chen
Applied Mathematics
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Yana Cheng

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Jessica Chery

Molecular Biology, Cell Biology,

and Biochemistry
The Function of the CLAMP
Zinc Finger Protein in
Targeting MSL Complex to
the X-Chromosome During
Dosage Compensation in
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Minseok Choi **Applied Mathematics** Time-Dependent Karhunen-Loève Type Decomposition Methods for SPDEs Paul Joseph Christian Economics Household and Policy Responses to Food Insecurity Stavroula Chrysanthopoulou **Biostatistics** Statistical Methods in Mircro-Simulation Modeling: Calibration and Predictive Accuracy Niki Kasumi Clements Religious Studies "Inflamed by Daily Practices": John Cassian and Ethical Formation Nicholas J. Coburn-Palo Political Science A Tale of Two Mayors: Dave Bing, Kevin Johnson, and the Rise of Athletes-Turned-Politicians Elena Daniele Italian Studies First Representations of New World Cannibals (1493-1497) Phuong Diem Đau Chemistry Electrospray Ionization— Photoelectron Spectroscopy Studies of Multiply Charged Anions and Actinide Complexes Douglas Carl Dean III Engineering Quantitative Measurement of White Matter Development Using Magnetic Resonance Imaging Emilio Depetris Chauvin Economics Guns, Parasites, and States: Three Essays on Comparative Development and Political Economy Sean M. Dinces American Studies Bulls Markets: Power, Place, and Professional Sport in Late Twentieth-Century Chicago Laura Beth Dingeldein Religious Studies Gaining Virtue, Gaining Christ: Moral Development in the Letters of Paul David E. Eisenstat Computer Science Toward Practical Planar Graph Algorithms

Jonathan David Ericson Cognitive Science The Structure of Spatial Knowledge: Do Humans Learn the Geometry, Topology, or Stable Properties of the Environment? Derek M. Ettensohn English Globalism, Humanitarianism, and the Body in Postcolonial Literature Carlos Hernandez Faham Physics Prototype, Surface Commissioning, and Photomultiplier Tube Characterization for the Large Underground Xenon (LUX) Direct Dark Matter Search Experiment Ksenia Keren Faingersh Slavic Studies Performing Communist Myths: The Afterlife of an Orphaned Myth Emily M. Farris Political Science Latino Leadership in City Hall Kendra Christen Fehrer Anthropology Generation Chavez: Participation and Citizenship in Post-Neoliberal Venezuela Andrew DeBock Ferguson Computer Science Policy Delegation and Migration for Software-Defined Networks Dorothy Louise Fibiger Chemistry Investigating Post-Depositional Processing of Nitrate in Snow and Constraining Nox **Emmisions Sources Using** the Isotopes of Nitrate Courtney Elaine Frederick Molecular Pharmacology and Physiology Mechanisms of Melanopsin Photoresponse Termination: Biochemical Analysis of the Retinal Ganglion Cell Photopigment Oren Freifeld Applied Mathematics Statistics on Manifolds with Applications to Modeling Shape Deformations Jason Edward Gaudette Biomedical Engineering Bioinspired Broadband Sonar: Methods for Acoustical Analysis of Bat Echolocation and Computational Modeling of Biosonar Signal Processing

Aaron Glaim Religious Studies Reciprocity, Sacrifice, and Salvation in Judean Religion at the Turn of the Era Gideon Goldin Cognitive Science Mechanism Domains in Causal Reasoning Lindsay Evan Goss Theatre & Performance Studies Entertaining the Movement: Jane Fonda, GI Resistance, and the FTA Ratnesh Kumar Gupta Engineering Dynamic Deformation Behavior of Ni-Containing High Strength Steels Aron Gyuris Molecular Biology, Cell Biology, and Biochemistry Transcriptional Regulation of Drosophila melanogaster Courtship Behavior by Fruitless and Dissatisfaction Bradley Adam Hanson Ethnomusicology Turned our Way: Music, Memory, and Heritage in East Tennessee Mazie M. Harris History of Art & Architecture Inventors and Manipulators: Photography as Intellectual Property in Nineteenth-Century New York Hui He Physics Electrorotation of a Viscous Droplet in a Uniform Direct Current Electric Field Margaret DeKoven Hennefeld Modern Culture and Media Specters of Slapstick and Silent Film Comediennes Iluminada Esther Hernández Medina Sociology Urban Regime Change and Citizen Participation in Urban Policies: Conflict, Collaboration, and Corporatism in Mexico City Sally Fae Ho . Chemistry Monodisperse Metallic Nanoparticles for Catalysis Jeffrey Walter Hofmann Molecular Biology, Cell Biology, and Biochemistry

The Role of Myc in Aging

Molecular Biology, Cell Biology,

and Longevity in Mice

Marissa A. Holmbeck

and Biochemistry

Mitochondrial-Nuclear Interactions and **Environmental Conditions** that Impact Drosophila Physiology and Lifespan Mark L. Homer Biomedical Engineering Novel Algorithms for Better Decoding of Neural Signals for Intracortical Brain Computer Interfaces Dana S. Howard Philosophy On Behalf of Another: The Ethics of Trusteeship Jennie Choi Ikuta Political Science Democracy and the Quest for Human Flourishing: A Study of Mill and Nietzsche James Alexander Jablin Computer Science Automatically Extracting GPU Instruction-Level Parallelism Colin Robert Miller Jackson Geological Sciences Experimental Constraints on the Geochemical Processing of Planetary Interiors: Noble Gases and Spinel Spectroscopy Mark A. Johnson II Neuroscience An Olfactory Subsystem in Mice that Mediates Innate Behaviors Triggered by Volatile Amines Kathryn Lynn Kalafut Psychology The Quantification of Behavior in the Presence of Compound Stimuli Ata Karakci **Physics** Bayesian Analysis of Systematic Effects in Interferometric Observations of the Cosmic Microwave Background Polarization Bevin L. Kelley Computer Music and Multimedia Terms of Addition: Compositions and Strategies for Electro-Acoustic Chamber Ensemble Alexandra Robin King Philosophy What to Do: Practical Reason and the Limits of Ability Eren Mehmet Kıral Mathematics Spectral Theory and Shifted Convolution Sums in Analytic

Number Theory

Courtney L. Klaips Molecular Biology, Cell Biology, and Biochemistry The Balance Between Prion Propagation and Prosteostasis Can Be Perturbed through Multiple Pathways to Evoke **Prion Curing** Joe John Klobusicky Applied Mathematics Kinetic Limits of Piecewise Deterministic Markov Processes and Grain **Boundary Coarsening** Yuri Vladimirovich Kondratiev French Studies The Unruly Body or the "New Normal": Renaissance Pathology and the Literary Imagination Bronwen Louise Konecky Geological Sciences Decadal to Orbital Scale Climate Change in the Indian Ocean Region: Precipitation Isotopic Perspectives from East Africa and Indonesia Shiva Koohi Economics College Prospects and Risky Behavior among Youth and Other Essays in Applied Microeconomics Chan Ieong Kuan Mathematics Hybrid Bounds on Twisted L-Functions Associated to Modular Forms Son Truong Le Physics Germanium and SiGe Nanowire Tunneling Transistors and Solar Cells Viet Quoc Le Molecular Biology, Cell Biology, and Biochemistry Molecular Dissection of the Dual Functioning Drosophila ALK_{1/2} BMP Type I Receptor Ortholog Saxophone Heather Ruth Lee American Studies Entrepreneurs in the Age of Chinese Exclusion: Transnational Capital, Migrant Labor, and Chinese Restaurants in New York City, 1850-1943 Jonghun Lee Chemistry Solution-Phase Synthesis and Assembly of Nanocrystals for

Optoelectronic and Magnetic

Applications

Jonah B. Leshin Mathematics Class Field Towers, Solvable Galois Representations, and Noether's Problem in Galois Theory Dongguo Li Chemistry Platinum Based Electrocatalysts for Proton Exchange Membrane Fuel Cells Xu Liu Physics The Use of Entropic Cages for Trapping DNA and Controlling Its Configurations in Nanopore Studies Diana B. Lizarazo Molecular Pharmacology and Physiology Aspartyl-Asparaginyl-ß-Hydroxylase (AAH) Regulation and Function in Liver Disease Cristina Y. López-Fagundo Biomedical Engineering Understanding and Directing Cellular Behavior Using Bioinspired and Biomimetic Materials Dana Marie Lord Molecular Pharmacology and Physiology The Molecular Basis of MqsR Toxicity in Biofilm Pathogenesis Minh Vy Ly Political Science Global Deliberation: A Human Right to Deliberative Democracy Jennifer Zeynab Joukhadar Maccani Pathobiology Exposure-Related Placental Methylation Changes Are Associated with Adverse Outcomes Julia Gertrude MacDougall Geological Sciences Lithospheric and Asthenospheric Seismic Anisotropy at Collisional and Passive Margins Hilary Thompson Magruder Pathobiology Signaling Effectors Required for G Protein-Coupled Estrogen Receptor-, GPER, Induced Events Associated with Breast Cancer Progression Andrea Maldonado Anthropology Yoga's Dis/Union: Class Relations, Social Mobility, and Self-Care in Mexico City

David Charles Malling Physics Measurement and Analysis of WIMP Detection Backgrounds and Characterization and Performance of the Large Underground Xenon Dark Matter Search Experiment Joseph Michael McDonald Classics Narrating Impiety in Ancient Greece Kelly T. McQuighan Applied Mathematics Oscillons Near Hopf Bifurcations of Planar Reaction Diffusion Equations Qian Miao Physics Picosecond Ultrasonic Measurements with **Enhanced Sensitivity** Mirna Mihovilovic **Physics** The Statistics of DNA Capture and Re-Capture by a Solid-State Nanopore Jeffrey W. Miller Applied Mathematics Nonparametric and Variable-Dimension Bayesian Mixture Models: Analysis, Comparison, and New Methods Igor Vladimirovich Minevich Mathematics Cohomology of Topological Groups and Grothendieck Topologies Samouil Molcho Mathematics Logarithmic Stable Maps with Torus Actions Sylvain Jerome Montalbano French Studies Narcisse Dis-Joint: La Création de Moi(s) Postmoderne(s) dans le Roman Contemporain Français et Francophone Domingo Morel Political Science The (Dis)Empowering State: State Intervention and Its Effect on Black and Latino Political Empowerment Claudia Hannah Moser Archeology & Ancient World Material Witnesses: The Altars of Republican Rome and Latium and the Memory of Sacrifice Erica Jade Mullen Sociology The Redistribution and Socioeconomic Mobility of Immigrants in America's Interior

Elizabeth Anne Murphy Archeology & Ancient World Roman Workplaces, Work Practices, and Working Lives: A Multi-Scalar Socioeconomic Study of Ceramic Production in the Eastern Mediterranean Jeffrey Paul Neilson English Making a Living Poetry: The Process of Poetic Vocation in Postwar America Matthew D. Noble-Olson Modern Culture and Media Late Cinema: Avantgarde, Medium, Capital Abdullah Nazma Nowroz Engineering Power Mapping of Computing Devices: Fundamentals and Applications Alice Coleman Nye Theatre & Performance Studies Stages of Risk: Economies of Ambivalence in Cancer Genetics Kristen L. Oehlrich History of Art & Architecture Becoming Walker Evans: Photography, Literature, and Transnational Modernism, 1926-1938 Olga Ohrimenko Computer Science Data-Oblivious Algorithms for Privacy-Preserving Access to Cloud Storage Gareth Efan Atwood Olds Economics Entrepreneurship and the Social Safety Net Glenda Molina Onario Cognitive Science Early Indicators of Language Delay in Preterm Infants Bernard Omondi Onyango Sociology The Impact of Free Primary Education on the Determinants of School Participation: Evidence from the Kenya Demographic and Health Surveys Miles Q. Ott Biostatistics Analytic Methods for Network Data Sunmee Park Biomedical Engineering Fiber Optic Neural Prosthesis

Jennifer D. Schnepf Matthew Parks Adrian Minault Reich Ashley Ann Smith **Applied Mathematics** Molecular Biology, Cell Biology, English Pathobiology Bayesian Statistical Inference and Biochemistry Strange Intimacies: The Integration of Genetic and **Evolutionary Transitions** of Non-Allelic Homologous Limits of Community in the Epigenetic Alterations in the Twentieth-Century Novel with Echinodermata Discovery of Molecular Drivers Recombination in the Human Genome Using High-Samuel Albert Reiter Jessica S. Schuster of Malignancy in Glioma Throughput Sequencing Data **Applied Mathematics** Neuroscience Imri Sofer Mitchell H. Parks **Gustatory Information** A Stochastic Context Free Cognitive Science Model of Epistatic Interaction Setting Boundaries in Space: Classics Processing City of Praise: The Politics of Mauro Resmini in the Human Genome A Model of Rapid Visual Encomium in Classical Athens Integrative Studies Sujat Sen Categorization of Natural Andrew M. Pavlo The Failure of Fantasy: Chemistry Images Computer Science Genre and Form in **Electrochemical Applications** Marcela Margaret Louise Soruco On Scalable Transaction Contemporary Film of Conducting Polymers and Molecular Biology, Cell Biology, Execution in Distributed Sun Hyung Rhee Nanostructured Metals and Biochemistry Philosophy The CLAMP Protein Is Main Memory Database Rui Shen Management Systems Agent Causation and Engineering Essential in Drosophila Volatile Organic Compounds Reduction Miriam Leah Plavin-Masterman in Mediating Dosage in Vapor Intrusion: Static Sociology Jennifer Renee Ribeiro Compensation through Making the Imagined Real: and Dynamic Fate and Increased Targeting to the Pathobiology Molecular and Functional Transport Modeling X-Chromosome and During How Institutional **Entrepreneurs Transform** Roles of TAF4B in Ovarian Aruna Sigdel Development as a Non-Sex **Public Spaces** Health and Disease Chemistry Specific Transcription Factor Shivaani Gyan Prakash Matteo Riondato Biological Application of Emily Elizabeth Stackpole Health Services Research Computer Science Magnetic Nanoparticles Neuroscience in Targeted Therapeutics The Relationship between Sampling-Based Fragile X Related Protein 2: Randomized Algorithms and Diagnostics Mapping Distinct Domains Mental Health Capital and Labor Market Outcomes: for Big Data Analytics Heiða María Sigurðardóttir Controlling Axonal Evidence from the U.S. Jessica Rose Rodysill Neuroscience Localization, RNA Granule and Chile Geological Sciences Objects in Space Assembly, and Fibril Formation Danya Mazen Qato Floods, Droughts, and Tropical Gayatri Singh Maria Eleftheria Stournara Health Services Research Cyclones: Investigating Climate Sociology Engineering Freedom to Move, Barriers to Computational Studies of Elucidating the Role of Patients, Extremes through Variations in Lacustrine Sedimentology **Bulk** and Interfacial Properties Providers, and Policies in Stav: An Examination of Rural Predicting (mis)Use of High Jermaine Lee Ross Migrants' Urban Transition in of Li-Ion Battery Anodes Risk Prescription Medications Neuroscience Contemporary India David Andrew Stout Jennifer E. Singletary Brian P. Rainey The Discovery and Biomedical Engineering Religious Studies Characterization of CIS-Religious Studies Analysis of Naïve vs Non-Peoples and Foolish Regulatory DNA within the Non-Anthropomorphic Lipopolysaccharide (LPS) Nations: Religion, Xenophobia, Drosophila PDM-1 and Gods? Manufactured Entities Activated Neutrophil and Ethnic Foreigners in the PDM-2 Gene Locus and Divine Qualities and Chemotaxis in 3-D Collagen Hebrew Bible and Mesopotamia Eoin Ryan Attributes Characterized as Matrices Using Traction Antonio Jose Ramirez III Philosophy Gods in the Textual Evidence Force Microscopy Philosophy Unifying the Pluralism from Ancient Mesopotamia, Chi-Cheung Su Righteous Villainy: of Introspection Syria, North Arabia, Palestine, Chemistry A Defense of Offence Camelia M. Saffarini and Elephantine Reactivity and Structural Teresa Ramirez Pathobiology Vince Shing-Wing Siu Characterization of Molecular Pharmacology **Endocrine Disruption** Biomedical Engineering Alkyllithium and in the Developing Human Amidolithium Reagents Development of Optical and Physiology Contributions of Insulin Fetal Prostate and Electrochemical Inku Subedi Resistance, Endoplasmic Jeffrey M. Salacup Methods at the Nanoscale Sociology Gender Differences in Reticulum Stress, and Geological Sciences for High-Throughput On the Application of Migration, Marital Timing, Ceramides in Alcoholic **Biochemical Sensing** and Spousal Choice within Liver Disease Uk 37 in Narragansett Bay Antun Skanata (Rhode Island, U.S.A.) Marriage in Nepal Danielle Marie Rand **Physics** Chemistry Kristin Marie Scaplen The Hidden Kerr/CFT Lauren Alpert Sugden X-Ray Spatial Frequency **Applied Mathematics** Neuroscience Conjecture Heterodyne Imaging of Landmark and Object Kristin Joy Skrabut Structure, Variation, and Hepatocellular Carcinoma Processing in the Rodent Reproducibility: Bayesian Anthropology Using Nanoparticle Contrast Hippocampal System: Extreme Lives: The Inference in Problems Arising Implications for Spatial Unruly Domestication from the Study of RNA and an Agents Nicholas Clark Reeder Memory of Peruvian Poverty **RNA-Binding Protein** Ethnomusicology Kelly M. Schermerhorn Laura Cathryn Slivinski Michael Banks Suher **Applied Mathematics** The Co-Evolution of Chemistry **Economics** A Kinetic Perspective on Lagrangian Data Assimilation Improvised Rock and Live Essays on Housing and

and Its Applications to

Geophysical Fluid Flows

Agglomeration

DNA Base Excision Repair

Sound: The Grateful Dead,

Phish, and Jambands

Chenguang Sun Geological Sciences Trace Element Partitioning in Mantle Minerals with Applications to Subsolidus Re-Equilibration and Thermobarometry Xiang Sun Chemistry Molecular Theory of Solute-Pump/Solvent-Probe Spectroscopy and Application to Preferential Solvation Dynamics Takeshi Suzuki Economics Mechanism Design and Assignment Games under Incomplete Information Megan Bruck Syal Geological Sciences Impact Vaporizaton: Experimental and Numerical Insights Christopher P. Tallent Political Science Micropolitical Engagement for Social Justice in the Political Economy Martin Tassy **Mathematics** Tiling by Bars Ana Catarina Teixeira Portuguese and Brazilian Studies à Procura de uma Nação: Os Processos de Formação da Identidade Nacional na Prosa Angolana Elizabeth Katherine Thomas Geological Sciences Orbital- and Millennial-Scale Climate Variability and Seasonality in East Asia Reconstructed Using Molecular Paleoclimate Proxies Seshu Tirupathi **Applied Mathematics** Discontinuous Galerkin Methods for Magma Dynamics Lisa Wuliang Tom History of Art & Architecture Negotiating Military Identity in Early Modern State Portraiture Kyle Andrew Totaro Chemistry Development of New Chemical Approaches for Diagnostic Medicine and for Syntheses of Antibacterial Agents

Antoine Gabriel Traisnel

Comparative Literature After the Animal

Predatory Pursuits in

Antebellum America

Ana Maria Tribin Uribe Economics Redistribution, Politics, and Violence Aggeliki Tsoli Computer Science Modeling the Human Body in 3-D: Data Registration and Human Shape Representation Ali Osman Ulusoy Engineering Probablilistic and Volumetric Reconstruction of Time-Varying 3-D Scenes from Multi-View Images Triin Vallaste Ethnomusicology Making Hip-Hop, Making Post-Soviet Estonia Stacey Leigh Vanderhurst Anthropology Sheltered Lives God, Sex, and Mobility in Nigeria's Counter Trafficking Programs Lori Theresa Veilleux Religious Studies Religion and Disaster: A Case Study of Boston's Response to the 1832 Cholera Epidemic Hans R. Vermy Theatre & Performance Studies The Live and the Life-Like: Theatre, Performance, Animation Emma Westerbeek Viscidi Epidemiology Autism Spectrum Disorder: Comorbidity and Etiology Trina Vithayathil Sociology The Politics of the Count: Caste in Contemporary India Catherine Burke Volle Molecular Biology, Cell Biology, and Biochemistry The Trouble with Triples: Elucidating the Behavior of Trinucleotide Repeats in Chromatin Rye M. Waldman Engineering Vortex Wakes and the Mechanics of Membrane Wings—Problems Inspired by Bat Flight Nathaniel Robert Walker History of Art & Architecture Architecture and Urban Visions in Nineteenth-Century Utopian Literature

Robyn Faith Walsh

Religious Studies

The Beginnings of Christian Literature Chien-Kai Wang Engineering Grain Boundary Field Projection Method and Atomic Lattice Interferometer for Nanometrology Jingjing Wang Biomedical Engineering Microfluidics Based Molecular Assays for Pointof-Care Diagnostics Katherine Miller Weber English Temporal Thinking in Modern Lyric Diane Terise Wetzel Geological Sciences Abundance, Speciation, and Role of Volatiles in Planetary Basalts Miles Harley Wheeler Mathematics Large-Amplitude Solitary Water Waves with Vorticity and Surface Pressure Rachel E. Whitaker Molecular Biology, Cell Biology, and Biochemistry Insights into the Genetics of Aging in Drosophila melanogaster Aleysia Kristine Whitmore Ethnomusicology Performing Pleasure: Africa and its Diaspora on the World Music Stage Jennifer Leigh Whitten Geological Sciences The Role of Volcanism in the Early History of the Moon and Mercury Bethany J. Wilcox Biomedical Engineering Head Impact Exposure: The Biomechanics of Sports-**Related Concussions** David James Wiygul Mathematics **Doubling Constructions** with Asymmetric Sides Hsiao-Mei Wu Engineering Collective Behavior at the Interface of Lithium-Ion Batteries under Cyclic Lithiation **Applied Mathematics** Large Deviations and Quasipotential for Finite State Mean Field Interacting Particle Systems

Yi Xue Chemistry Programming Multi-Component Self-Assembly Using Dipolar Interaction and Molecular Shape Guang Yang Physics Topological Order in Superconductors and Quantum Hall Liquids Xi Yang Geological Sciences The Times They Are A-Changin': Scaling Seasonality of Plant Physiology from Leaf to Satellite and Implications for Terrestrial Carbon Cycle Xiu Yang Applied Mathematics The Holy Trinity of Stochastic Modeling and Uncertainty Quantification: High-Dimensionality, Sparsity, and Rare Events Yue Yu **Applied Mathematics** Numerical Methods for Fluid-Structure Interaction: Analysis and Simulations Sen Zhang Chemistry Synthetic Tuning of Monodisperse Metallic Nanoparticles for Catalytic Applications Weiwei Zhang Sociology National Origin Differences in Asian Residential Patterns and Spatial Assimilation in the United States: Changes from 1970 to 2010 Zhongqiang Zhang Applied Mathematics Towards High-Order Methods for Stochastic Differential Equations with White Noise: A Spectral Approach Yiying Zhu Chemistry Mass Spectrometric Analysis of Protein Carbonylation and Glycosylation

Candidates for Honorary Degrees

This year in celebration of the 250th anniversary of the University's founding, honorary degrees will be conferred upon distinguished Brown alumni.

LEE ELIOT BERK

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



Lee Berk received his Bachelor of Arts from Brown in 1964, the University's bicentennial year, and continued his studies in law, earning his J.D. degree from the Boston University School of Law in 1967. He succeeded his father, Lawrence Berk, as president of Berklee College of Music in 1979 and continued in that position for the next 25 years, building what has become one of the world's largest institutions for college-level music education.

From its inception in 1945, founded by

Lawrence Berk as Schillinger House, Berklee has focused musical instruction on current musical styles. In 1945 that was jazz and Berklee was the first institution to offer instruction in the new improvisational style. When rock arrived in the 1960's, Berklee recognized guitar as a principal instrument. When Lee Berk became president, Berklee continued to recognize the musical currents: the first undergraduate degree in film scoring (1979); the first college major in synthesized music (1984); the first undergraduate degree in songwriting, with field trips to Nashville (1987); the Berklee International Network (1993); a major in music therapy (1996); a curriculum in hip-hop (1999); college-level music education online (2002); and professional majors in music production and engineering and in the business and management of music.

Berk has also been involved in music education for young people. He was a leader in establishing the Boston Arts Academy, Boston's first high school for the visual and performing arts, and the Berklee City Music program, designed for talented but underserved urban teens. The national City Music program now provides year-round music education and college scholarships for underserved urban students from sixth to 12th grade. (City Music received the national 2008 Coming Up Taller Award from the President's Committee on the Arts and Humanities.) Berk continued that interest after his retirement to the Southwest in 2004, where, among other efforts, he was a founding board member of the New Mexico School for the Arts, a new charter high school.

Magister, princeps civium, auctor qui opem musicae expressisti, tu studia doctrinae in perpetuum reformavisti novis modis docendi discendique in Collegio Musicorum Berkleensis Bostoniae, cuius praeses viginti annos eras. Secutus patrem qui anno 1945 collegium condiderat, munivisti vias varias ad praestantem musicam canendam sonandam modulandam. Te praeside collegium artificiis mutantibus haud segniter usum est, musicos ad negotium agendum exercuit, institutum praecipuum musicae studiosis qui abessent fundavit, atque domique forisque se cum sociis qui commodis musicae tamquam medicaminum uterentur colligavit. Cum confideres dignitati musicae quae inter gentes concordiam efficere posset, et delectis studiosis scholas deditas artibus liberalibus condidisti et per totam rem publicam opes quae praeclaros iuvenes urbanos musica alerent praebuisti. Cum a collegio praesidendo abscesseras, communicavisti tuum studium musicae nomine iazensis cum civibus Sanctae Fidei et Phoenicis et ad artes liberales fovendas te dedisti. Quod doctrinam musicae augere et concordiam societati artibus liberalibus sustinendis proferre assiduus laboravisti, Doctorem Litterarum Humanarum salutamus, honoris causa.

BEATRICE E. COLEMANDoctor of Humane Letters (L.H.D.), awarded posthumously



Beatrice Coleman received her Bachelor of Arts from Brown in 1925, during the administration of President William H.P. Faunce. One of three black women in her class, she was a permanent member of the NAACP and secretary of its New England Regional Conference, was a civic leader as president of the Criterion Club, an African American women's club, and an active committee member of the Rhode Island Association of Colored Women's Clubs.

The granddaughter of slaves,

Coleman grew up in Providence, reared by her mother, who worked for a local dressmaker, and by her grandparents, a watchman and practical nurse-midwife. She wanted to attend Howard University, where two of Rhode Island's first black doctors had gone, but her family could not afford to send her so far away. So she remained in Providence and attended Brown, living at home because black students were not allowed to live in college dormitories then. She majored in Latin and history and joined the African American sorority Alpha Kappa Alpha. Brown and AKA became her lifelong passions.

Racial restrictions in Providence schools in 1925 compelled her to begin her teaching career in Pennsylvania and New Jersey. When Providence eliminated those restrictions, she returned home, where she directed a nursery school before joining the permanent staff of Emma Pendleton Bradley Hospital's school department in 1961. In a hospital publication at the time, Coleman reflected that her teaching career stemmed from "my love for children, my tremendous interest in the mind, a chance for practical application of theories learned in college, and the many notes received from former patients."

She was also a church organist and continued playing the piano at Tockwotten House, the Providence assisted living home where she spent her last years. Visitors understood that Bea Coleman would sit down at the piano and lead them in singing the Brown Alma Mater—and that any Brown graduates had better know the words. At her death in April, a little more than two weeks before her 110th birthday, Coleman was among the University's oldest graduates.

Studiosa, magistra studentibus dedita, doctrinae litterarumque diligentissima, Beatrix Coleman una ex tribus feminis Africanis-Americanis erat quae apud collegium femineum Universitatis Brunensis anno 1925 gradum susceperunt. Femina sui potens ad suam vitam moresque praecepta universitatis adhibere fortiter enisa est. Quod neptis servorum erat et filia matris quae vestitori vicino laboravit, iuventute modo ineunte constitit ut manibus suis habenas quasi fati vitaeque susciperet. Disciplinam secuta constans tempore quo leges iniquae constiterunt, a Rhodensi Insula discessit ut magistra esset, atque postea sodalis et una ex principibus in NAACP fuit. Demonstravit totam per vitam caritatem discipulis suis, studium historiae musicaeque, et fidelitatem veram erga Universitatem Brunensem atque sodalitatem feminarum nomine Alpha Kappa Alpha. Adusque ad finem vitae Aprile 2014 (vixit, mirabile dictu, annos 109), eruditioni studuit. Quod tam utilissime dignissimeque vixit ut exemplum praeclarum feminis posterioribus se daret, atque pro constante fide erga almam matrem, Beatricem Coleman postumam Doctorem Litterarum Humanarum salutamus, honoris causa.

JEFFREY EUGENIDES Doctor of Letters (Litt.D.)



Jeffrey Eugenides, a member of the Brown Class of 1982, received his Bachelor of Arts in 1983, having taken a year off for travel and volunteering with Mother Teresa in Calcutta. While still in high school, he had decided to become a writer and chose to attend Brown "largely to study with John Hawkes, whose work I admired."

Eugenides's first novel, The Virgin Suicides (1993), is now considered a modern classic. (The novel was also made into a film by Sofia Coppola.) Middlesex

appeared in 2002, going on to win the Pulitzer Prize for Fiction, the WELT-Literaturpreis, and the Santiago de Compostela Literary Prize from Spain. Middlesex was also a finalist for the National Book Critics Circle Award, the International IMPAC Dublin Literary Award, and France's Prix Médicis. In 2011 Eugenides published The Marriage Plot, which became a finalist for the National Book Critics' Circle Award and was named as the best novel of that year by independent booksellers in the United States. The Marriage Plot also won the Prix Fitzgerald and the Madame Figaro Literary Prize in France. Eugenides is a professor of Creative Writing in the Lewis Center for the Arts at Princeton University. His work has been translated into 35 languages.

Born and raised in Detroit, Eugenides has said he is haunted by the city's decline, which figures into Middlesex. "I think most of the major elements of American history are exemplified in Detroit," he once told an interviewer, "from the triumph of the automobile and the assembly line to the blight of racism, not to mention the music, Motown, the MC5, house, techno." Eugenides has lived and worked in San Francisco, Brooklyn, and Berlin and now lives in Princeton, N.J.

Eugenides has written "Sun Under Cloud Cover" for The Brown Reader, a 250th anniversary collection of writings about life at Brown by 50 authors who are Brown alumni. His 2011 novel, The Marriage Plot, follows three characters from their senior year at Brown through their first post-graduation year. It received a Salon Book Award and was among the Library Journal's Best Books of the Year.

Auctor clarissime, donate praemio egregio Pulitzer, magister et rector, constituisti te scriptorem futurum esse cum intellegeres rationem litterarum te ad controversias mundi varias gravesque cognoscendas excitaturam esse. Tres libri tui valde laudati quaestionem tractant, quomodo mores nostri fingantur; quippe persequeris quo pacto proprietates illorum locorum, in quibus habitamus, perspiciamus et intellegamus et postremo quo pacto eas feramus omnes modo suo. Sed etiam opera tua conspectum cognitionemque nobis augent et progressionem et praesentem statum rerum humanarum capaciore mente nos contemplare hortantur. Praeter raram fabularum contexendarum facultatem et investigationem animarum humanarum profundam, verba elegantissime deligis et fragilitatem vitae accuratissime comprehendis. Hae indoles tuae arguunt studium artis perficiendae et honestatem in narrationibus fingendis. Tua fecunditas docta, acris subtilitas et diligentia singularis pro te admirationem omnium - et politiorum et populariorum - abstulerunt et te reddiderunt numerandum inter illos scriptores qui nunc maxime aestimantur. Et vestigia rectorum tuorum secutus es communicans tuum ardorem discendi et rationem scribendi cum discipulis huius aetatis. Pro descriptionibus naturae humanae disertis, pro alacri studio excellentiae, et pro laboribus ad novos scriptores educandos, te in Litteris Doctorem salutamus, honoris causa.

ARTHUR L. HORWICHDoctor of Medical Science (Sc.M.D.)



Arthur Horwich received his Bachelor of Arts from Brown in 1972 and continued at Brown in what was then the Program in Medicine. He received his M.D. in 1975 as a member of the University's first M.D. graduating class of the modern era. After a residency in pediatrics at Yale, Horwich pursued his interests in biological research, first as a postdoctoral researcher at the Salk Institute for Biological Studies in La Jolla, Calif., and then on a postdoctoral fellowship at the Yale University School of Medicine.

In 1984, as an assistant professor of genetics, Horwich established his own laboratory at Yale. In 1987, he and his colleagues were studying proteins in yeast and discovered a protein that helps other proteins become properly folded in the mitochondria without becoming tangled or clumped together with other proteins. These proteins that mediate folding are called chaperonins. The mitochondria chaperone machine captures nonfolded proteins and provides a space for proper folding of the proteins into their active forms. A chaperonin-mediated folding reaction can be reconstituted in a test tube, which allows structural and functional studies that have begun to explain how chaperonins work. A number of diseases—Alzheimer's, Parkinson's, mad cow disease, and ALS—are associated with protein aggregation and misfolding. Horwich's group is currently seeking to understand the role chaperones play in those errant processes.

Horwich has been honored for his work, including election to the National Academy of Sciences in 2013, the 2004 Gairdner International Award for his chaperone discoveries, the 2007 Wiley Prize in Biomedical Science (jointly with Franz-Ulrich Hartl of the Max Planck Institute of Biochemistry), Albert Lasker Award for Basic Medical Research (also with Hartl), and others.

Horwich is the Eugene Higgins Professor of Genetics and Pediatrics at Yale School of Medicine and has been a Howard Hughes Medical Institute investigator since 1990.

Medice fovens, illustrissime physice scientiae geneticae, numerate inter alumnos qui gradibus Medicae Scholae Universitatis Brunensis anno 1975 primi functi sunt, tuum studium constantissimum in cursum honorum unicum commutavisti clarescens ut paediatricius et vir doctissimus. Ardor tuus ad usus medicae scientiae investigandos pro salubritate liberorum inventa nova repperit et valida quae modis curandorum morborum variorum graviumque prodesse possunt. Ut Professor Cathedram Sterling apud Universitatem Yalensem tenens vel ut medicus eruditissimus Sodalitatis Medicae Howard Hughes, cum sociis ex partibus diversis laboravisti ut demonstraveris quomodo proteina intra cellulas ad plenam aetatem perveniant. Per investigationes tuas diligentissimas comperisti proteinis opus esse auxilio ut in formas efficaces suas complicentur nec non quod forsitan proteina aliquo modo prohibeantur quin complicentur perperam, id quod est proprium morborum tabificorum multorum. Omnibus laudibus pro meritis tuis accumulantibus, fidissimus operam das ut inventa tua adhibeantur ad medicos aegrosque adiuvandos. Pro laboribus tuis magna cum misericordia exactis per annos plusquam viginti, et pro studio agendi investigationem multum valentem ad salubritatem humanarum vitarum integrem conservandam, te Scientiae Medicae Doctorem salutamus, honoris causa.





Mary Lou Jepsen is among the world's most productive innovators of graphic displays for computer-generated images and information. She is a 1987 graduate of Brown, with a double concentration in electrical engineering and studio art (Sc.B., 1987), and returned to Brown to earn a Ph.D. in optical sciences in 1997. She is the founder or co-founder of four start-ups in computer display hardware with more than \$1 billion in total revenue.

Jepsen is the co-founder of One Laptop Per

Child (OLPC), a nonprofit effort to bring computing and transformative educational opportunities to children around the world, particularly in developing countries. She was the chief architect of the \$100 laptop, inventing its breakthrough screen technology and co-inventing its lowpower management system. As the first chief technology officer for OLPC, she negotiated production of the \$100 laptop with large manufacturers and helped design large-volume mass production. After 10 years, OLPC has shipped more than 5 million units, and the laptop is still in production.

As founder and CEO of Pixel Qi, Jepsen invented new screen architectures for mass production in Asia and led creation of new displays with sunlight readability and color video with dramatically reduced power requirements. As co-founder and first CTO of MicroDisplay Corp, she was involved in rear-production HDTV and the first commercial liquid crystal on silicon (LCOS) displays to ship in volume. Her resume lists projects ranging from radio rooms in the Trident submarine to antiglare illumination systems for the Space Shuttle, to large-scale holography (cityblock size, in Cologne, Germany), and to a project, shown to be feasible, for projecting video onto the surface of the Moon "for all humanity to see."

Jepson has authored more than 100 scientific papers and has more than 50 worldwide patents. She has been ranked among the top 50 female computer scientists of all time, and Time Magazine has included her in its "Time 100" list as one of the 100 most influential people in the world. She is currently head of the Display Division at Google [x].

Tu quae omnia dispexisti computatralia, quae non tantum quaestus faciendos comperisti sed etiam liberalitatem, eadem vidisti (nam contemplatricem confessa es) quomodo melior armatura demonstrativa cito fieret et quomodo pueri gentium nondum locupletium plura computatra adipiscerentur. Scientiam et formam in unum conferens, quadra fingis tam praeclara ut cohorti demonstrativae in Google [x], ubi res arcanae et futurae agitentur, praefecta sis. In Instituto Technologiae Massachusettensi primum systema invenisti holographicum, quadra deinde formasti quae geri possent, quae imagines mitterent mirae claritatis, quae crystallo liquido uterentur. Nulla lucri spe pueros computatris donabas singulis, ut discipuli rustici egentesque computatra cum vilia tum commoda haberent. Quibus edocti, complures partis ad quas oecumene vocat perceperunt. Laborabas praeterea universis cum populis ut opera minore meliora computatra fabricarentur. Cum quattuor societates condideris et quinquagiens litteras patentes receperis, saepe palmas tulisti et a civibus et ab externis datas. Quia cum studio et audacia, artificii potestate fidens, pro rebus humanis formam utilem provides, te Scientiae Doctorem salutamus, honoris causa.

DEBRA L. LEE Doctor of Humane Letters (L.H.D.)



Debra Lee, chairman and CEO of BET Networks, graduated from Brown in 1976 with a Bachelor of Arts in political science, specializing in Asian politics. She continued her studies at Harvard, earning a master's degree in public policy at the John F. Kennedy School of Government and a J.D. from the Harvard Law School. After serving as a law clerk at the U.S. District Court in Washington, D.C., and five years as an attorney with Steptoe and Johnson, a corporate law firm, Lee joined

BET Networks as vice president and general counsel in 1986. During an executive career of nearly 30 years, including almost 10 years as president and chief operating officer, Lee has overseen BET Networks' growth into one of the world's most influential multiplatform media companies and the leading provider of entertainment for the African-American audience and global consumers of black culture.

Centric, a 24-hour entertainment network launched by Lee in 2009, delivers music, movies, series, and reality programming to a sophisticated and multicultural adult audience. Lee also oversees a growing international distribution of BET Networks' programming in Canada, the Caribbean, the United Kingdom, the Middle East, and sub-Saharan Africa.

Lee has been active in University affairs, serving two terms on the Corporation's Board of Trustees (1994-01 as an alumni trustee, and 2006-12 as a term trustee). Following publication of the University's Slavery and Justice report, Lee provided support for the Debra L. Lee Lecture on Slavery and Justice, a key component of the University's response to the report. The Lee Lecture brings to the University campus the most distinguished scholars of historic and contemporary issues related to the legacy of slavery in the Americas and elsewhere.

Civis praeclarissima patriae, femina eminens, dux fortis et prudens, magnopere auxisti societatem BET, quae olim dedita tantum artibus musicis erat. Perita iure, negotio, communicatione, et artibus, duodetriginta annos laboravisti ut audientes educares, excitares, delectares. Tu, o princeps sapiens et perspicax, signum societatis BET refinxisti et divulgavisti. Obstans spectaculis ignominiosis ostendisti opera honesta audientibus placere posse. Laudata coronataque inter pares quod alias negotiatores muliebres libenter monuisti et eruditionem artesque identidem perfulsisti, Praeses Obama te adiutricem designavit. Pro praestantia in negotiis, pro studio artibus, et pro beneficiis ad Universitatem Brunensem, te salutamus Doctorem Litterarum Humanarum, honoris causa.

LOIS LOWRY Doctor of Letters (Litt.D.)



Lois Lowry entered Brown in 1954 as a member of the Class of 1958. She continued for two years until her marriage to Donald Grey Lowry, a naval officer. As a military family, the Lowry's moved frequently—Lowry herself had grown up in a military family, moved internationally, and attended junior high school in Japan—ultimately settling in Portland, Maine.

The author of more than 40 books for children and teens, Lowry has twice been the recipient of the Newbery Medal, given

annually for the most distinguished contribution to children's literature by an American author (1990 for Number the Stars and 1994 for The Giver). She is best known for The Giver (1993), a haunting story of a dystopian society that has traded emotional complexity—the highs and lows of happiness and sorrow—for sameness and safety. The book follows 12-year-old Jonas into training as the Keeper, the person designated to receive and retain the memories of the community. As he learns about emotional depth and the risks that can attend it, Jonas is forced to choose between safe monotony and the risks of knowledge.

The book became a standard work in many schools but was also prohibited in some. Responding to young readers in the Scholastic Reading Club, who had asked her about censorship, Lowry said, "I was astonished to hear it for the first time. ... I think The Giver is such a moral book, so filled with important truths that I couldn't believe anyone would want to suppress it, to keep it from kids. ... I don't for one second think about the possibility of censorship when I am writing a new book. I know I am a person who cares about kids and who cares about truth and I am guided by my own instincts, and trust them.

Lowry's work has included humorous books as well, including nine books in her Anastasia series. She uses them, she has said, to make herself laugh and to lighten up between serious books, but her readers recognize and respond to serious topics in humor as well.

"I am a grandmother now," Lowry once blogged. "For my own grandchildren—and for all those of their generation—I try, through writing, to convey my passionate awareness that we live intertwined on this planet and that our future depends upon our caring more, and doing more, for one another."

"Train Rides," Lowry's account of her pathway to Brown as a member of the Class of 1958, is included in The Brown Reader, a 250th anniversary collection of writings about life at Brown by 50 authors who are Brown alumni.

O praeclarissima et carissima auctor, mater, avia, propugnator litterarum, tu supra quadraginta libros, qui cordes omnium per orbem terrarum liberorum tetigerunt, scripsisti. Tu, una ex tribus, quae bis propter praestantiam in Americanis litteris ad liberos compositis praemium Newberiense abstulit, sublimi vertice sidera feris. Tua celebratissima opera, nomine "The Giver" et "Number the Stars", demonstraverunt quam praestans fabulandi ingenium tibi esset et quantum solacium verba praebere posse crederes. Ita et ad amorem legendi et ad curam in omnibus rebus iustitiae et misercordiae iuvenes incitavisti ut non modo liberis sed etiam adultis optimum exemplum dares. Propter gloriam quam in litteris perfecisti, pertinaciam qua metam artis scriptoriae contigisti et vim qua aerumnam et miseriam in summas artes convertere potuisti, te iure in Litteris Humanis Doctorem salutamus, honoris causa.

NALINI MORESHWAR NADKARNI

Doctor of Science (Sc.D.)



Forest ecologist Nalini Nadkarni is passionate about the communication of science and about public engagement by scientists themselves. She earned her Bachelor of Arts degree at Brown in 1976 and continued her studies at the University of Washington, where she earned her Ph.D. in 1983.

Nadkarni's research—in Washington state and in Costa Rica—focuses on the ecology of tropical and temperate forest canopies, particularly the role of canopy-dwelling

plants. Among her research questions was the apparent contradiction of lush tropical rain forests and nutrient-poor rain forest soil. Inventories she took in the 1980s showed that orchids, ferns and other plants living up in the branches of trees trapped organic material and provided a rich mat of nutrients in the canopy, which trees could reach through aerial roots. Her work has been supported by the National Science Foundation and the National Geographic Society, which has produced films and videos, including the 2001 Emmy Award-winning Heroes of the High Frontier.

She has also been an outspoken advocate for the communication of science, particularly by scientists themselves. Through her own TED talks and interviews in a variety of consumer magazines, she has advanced public understanding of forest ecology. Efforts like the Research Ambassador Program, which she established, train scientists to engage the public, particularly public audiences that are environmentally unaware, wherever the public can be found—churches, schools, sports stadiums, art galleries, rap music slams—and develop professional incentives for communication. The Sustainability in Prisons Project, which she co-founded in 2005, brings science, scientists, and discoveries about the natural world to incarcerated men and women.

A longtime member of the faculty at The Evergreen State College in Olympia, Washington, Nadkarni now holds an emerita position there. She is currently a professor in the Department of Biology and director of the Center for Science and Mathematics Education at the University of Utah.

O tu quae indagatrix viam ad studia terrestria munis, quae et perdocta alios doces et praeco benigna doctrinam pronuntias, res tuas gestas semper ornavisti studio cognoscendi atque mira quidem arte qua cognita rerum naturalium monstrasti omnis generis hominibus. haec autem studia professa viginti annos apud Collegium Civilem Sempervirentem in Vasingtonia, scrutata quibus aeriis modis arbores silvae pluvialis aluntur humo nihil alimenti praebente, novum studium de arborum cacuminibus condere adiuvisti. cum tamen supra centum libellos physicos atque quattuor libros doctos edidisti, quod quidem populum ad studia physica impellere conata es, hoc effecit ut res tuae gestae multo magis valerent. Laborasti una cum artificibus, saltatoribus, doctoribus scaenicis necnon carceratis ut aditus patefaceretur ad indicia de terra et ad primam peritiam laborum qui terram fovent. molita Consilium Societatis Civilis Scientiae ad Scholasticos Legatos Iuvandos et cum aliis cooperata ut res apud carceres parce conserventur, populum novis modis donasti quibus studia naturae et melius cognoscat et conveniat insolitis quoque locis. iam nunc professor biologiae et administrator Collegii Scientiae et Mathematicae Doctrinae apud Universitatem Utah, adhuc doces quantum deceat homines omni aetate discere physica. Quod et doctrinae scientiae et populo monendo de salute orbis terrarum iam pridem operata pro beneficio populi consilia conservandi excogitasti, idcirco te Doctorem Scientiae salutamus, honoris causa.

THOMAS E. PEREZ Doctor of Laws (LL.D.)



An international relations and political science concentrator at Brown (A.B., 1983), Perez earned a law degree at Harvard and embarked on a career of public service, first as a law clerk in the U.S. District Court (Colorado) and then 12 years in federal service, most of it in the Department of Justice. As a federal prosecutor, he conducted or supervised prosecutions involving civil rights and the rights of employees.

Perez served as deputy assistant attorney

general for civil rights under Janet Reno,

was Sen. Edward Kennedy's leading adviser on civil rights, justice, and constitutional issues, and directed the Office for Civil Rights within the Department of Health and Human Services during the last two years of the Clinton Administration. After service in labor, justice and education in Maryland, Perez returned to federal service, nominated by President Obama in March 2009 as assistant attorney general for the Civil Rights Division of the U.S. Department of Justice. Obama nominated him for secretary of labor in March 2013, and Perez was confirmed in July.

Perez returned to the Brown campus on Saturday, March 8, 2014, to deliver one of two keynote presentations for the University's 250th anniversary Opening Celebration. In a public discussion with Richard Locke of the Watson Institute, Perez described his work at the Department of Labor, where he oversees 17,000 employees and 20 agencies, and his path from Brown to Washington. "So much of my career has been about expanding opportunity," Perez said. "What I learned [at Brown] gave me the moral, ethical, and intellectual foundation for much of what I did."

O minister publici boni, tua voluntas adiuvandi protegendique cives quam usque a prima aetatis parte colis hic apud nos florere coepit. Peregrinis natus, laboribus tuis gradibus universitatis Brunensis functus es. postea apud Harvardianam ad gradus summos admissus es, doctus legibus et rationibus civilibus. Nunc advocatus civilis iuris atque magistratus animum facultatesque attendis quomodo tota in societate iniquitas emendetur et iniustitiae exstirpentur. Creatus a praeside Obama vicesimus sextus Minister Laboris, diligenter laboras ut meliores omnium Americanorum vitae fiant. Te, qui rei publicae deditissimus es, qui iura humana defendis, et qui aequiorem societatem efficis, Doctorem Legum salutamus, honoris causa.

Candidates for Master of Arts, ad eundem

PROFESSORS
Angela M. Caliendo
Michael P. Carey
Samuel Calvert Dudley, Jr.
Jonathan Eaton
Bonnie Honig
Simin Liu
Richard Michael Locke
Eleftherios Mylonakis
Graham J. Oliver
Robert W. Preucel
Louis B. Rice
Gregory Robert Schopen
Edward S. Steinfeld
Katherine Tate

ASSOCIATE PROFESSORS Ana M. Abrantes Jay Michael Baruch Cynthia Lynn Battle Michael Beland Richard John Bennett Dale S. Bond Ghada Bourjeily Weibiao Cao Robbert Creton Sarah Delaney Erika Jeannine Edwards Gauti B. Eggertsson William Fairbrother Roquinaldo Ferreira David J. Grand Johnny Guzman Chantelle N. Hart Gerwald Jogl Richard Norman Jones Michelle A. Lally Kiri Mariah Miller Christopher I. Moore Barbara O'Brien Rebecca Page Gyan Pareek Paul Anthony Pirraglia Stephen James Porder Sherief M. Reda Arthur Robert Salomon Dov F. Sax Jigme Michael Sethi Derek Stein Amal N. Trivedi Petia Vlahovska Daniel Michael Weinreich Risa Beth Weisberg Haiyan Xu Evgeny Yakirevich

SENIOR LECTURERS Kathleen M. Hess Yang Wang

Shirley Yen

Officers Emeriti

Susan M. Allen

Professor Emerita of Health
Services, Policy and Practice

Douglas Anderson

Professor Emeritus of

Anthropology

James Baker

Professor Emeritus of Music

Thomas Banchoff

Professor Emeritus of

Mathematics

Barbara Barker
Associate Professor Emerita of
Pathology and Laboratory
Medicine

Orazio Basile

Clinical Assistant Professor Emeritus of Dermatology

Jose Behar

Professor Emeritus of Medicine Andrew Blazar

Clinical Professor Emeritus of Obstetrics and Gynecology

Claude Carey
Professor Emerita of
Slavic Languages
Albert Dahlberg

Professor Emeritus of Medical Science

Ann Dill

Professor Emerita of Sociology

Jesse H. and Louisa D. Sharpe Metcalf Professor Emeritus of Chemistry

Anne Fausto-Sterling Nancy Duke Lewis Professor Emerita of Biology

Samuel Greenblatt

Professor Emeritus of
Neurosurgery

L. Peter Gromet Professor Emeritus of Geological Sciences

Michael S. Harper University Professor Emeritus of Literary Arts

Coppelia Kahn

Professor Emerita of English

Jaegwon Kim

William Herbert Perry Faunce Professor Emeritus of Philosophy

Arthur Landy

University Professor Emeritus of Medical Science

Humphrey Maris Hazard Professor Emeritus of Physics

Lowry Marshall

Professor Emerita of Theatre Arts & Performance Studies Kathleen McCarten

Professor Emerita of Diagnostic Imaging (Clinical) and Professor Emerita of Pediatrics (Clinical)

Charles J. McDonald Professor Emeritus of Medical Science

Paul McMillan

Clinical Associate Professor Emeritus of Pathology and Laboratory Medicine

Franco Preparata

An Wang Professor Emeritus of Computer Science

Abdalla Rifai

Associate Professor Emeritus of Pathology and Laboratory Medicine

Peter Schultz

Professor Emeritus of Geological Sciences

Peter R. Shank

Professor Emeritus of Medical Science

Edward Sternick

Professor Emeritus of Radiation Oncology

Patrick Sweeney
Professor Emeritus of
Obstetrics and Gynecology

Rosalind M. Vaz

Professor Emerita of Pediatrics (Clinical)

John Edgar Wideman

Asa Messer Professor Emeritus of Africana Studies and Literary Arts

Catherine Zerner
Professor Emerita of History
of Art and Architecture

Citations and Awards

RECIPIENTS OF THE JOUKOWSKY FAMILY FOUNDATION OUTSTANDING DISSERTATION AWARD

HUMANITIES Nicolas P. Bommarito '14 Ph.D. *Philosophy* Inner Virtue

LIFE SCIENCES
Marcela Margaret Louise Soruco
'14 Ph.D.
Molecular Biology, Cell Biology,
and Biochemistry
The CLAMP Protein Is Essential
in Drosophila in Mediating
Dosage Compensation through
Increased Targeting to the XChromosome and During Development as a Non-Sex Specific
Transcription Factor

PHYSICAL SCIENCES
Jeffrey W. Miller '14 Ph.D.
Applied Mathematics
Nonparametric and VariableDimension Bayesian Mixture
Models: Analysis, Comparison,
and New Methods

SOCIAL SCIENCES
Sean M. Dinces '14 Ph.D.
American Studies
Bulls Markets: Power, Place,
and Professional Sport in Late
Twentieth-Century Chicago

RECIPIENT OF THE MEDICAL SENIOR CITATION

Paul George, M.D. '05 Assistant Professor of Family Medicine

RECIPIENTS OF THE PRESIDENTIAL AWARD FOR EXCELLENCE IN TEACHING

This award is given to graduate student teaching assistants or teaching fellows who demonstrate exemplary skill and energy in the classroom. The awards were conferred at the University awards ceremony on May 5, 2014.

Angela S. Allan English Michael Powers German Studies

RECIPIENTS OF THE WILSON-DEBLOIS AWARD

Gail Lee Payroll Specialist

Brian P. Walton Associate Dean for Administration and Program Development

RECIPIENT OF THE HORACE MANN MEDAL

John H. Ewing '71 Ph.D. *President, Math for America*

RECIPIENT OF THE GRADUATE SCHOOL FACULTY AWARD FOR ADVISING AND MENTORING Paja Faudree

Assistant Professor of Anthropology

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

At the president's reception for the class of 2014, held on May 19, 2014, Hazeltine citations were awarded to:

Richard D. Bungiro, Jr. Ph.D. '99 Michael D. Kennedy ADE '10 hon. Kate Schapira MFA '06

SENIOR CLASS GIFT

At the President's Reception for the Class of 2014, held on May 19, 2014, the Senior Gift Committee presented President Paxson with their Class Gift.

CLASS OF 2014 SENIOR GIFT COMMITTEE

COMMITTEE CO-CHAIRS Daniel Pipkin Sophia Staley

EVENTS COMMITTEE CHAIR Margaret Brady

MARKETING AND PARTICIPATION CHAIR Lauren Warner

ATHLETICS CO-CHAIRS Jonathan Hilgart Laura Kirk

CARRIE TOWER CO-CHAIR Laney Caldwell David Rabin

GREEK COMMITTEE CO-CHAIRS Esi Quakyi Noelle Spencer

INTERNATIONAL COMMITTEE CHAIR Zainab Syed

ARTS COMMITTEE CO-CHAIRS Lucienne Fernandez Sophie Van Horne

ATHLETIC TEAM REPRESENTATIVES Niina Al-Hassan Kelsey Albright Margaret Brady Ajani Brown John Bumpus Avery Burns Peter Callas Augusta Clarke Kyler Evitt Christina Fleischer John Franco Rebecca Freedman Morgan Gerlak Joshua Grill Leigh Holmes Mark Hourihan Paul Hunter Charles Kannel Aimie Kawai John Kuntz Giuseppi Lanzi Sean McGonagill Samuel Margo Danielle Mastro Daniel Mellynchuk Jennifer Nedow David Neff Amanda Nickel Alexander Phelan Camilla Polakoff Quinten Richardson Alexandra Rieckhoff Donald Shea Meredith Schmidt-Fellner Walker Shockley Abbey Van Horne Kristin Watterlond Carly Wellington **Brady Williams Emily Wingrove**

GENERAL COMMITTEE MEMBERS Serena Alwani Chiamaka Anyoku Geraud Bablon Vincent Biagiotti Meredith Bilski Alisa Currimjee Olivia del Balzo Laura Flanagan Daniel Fujinaka Caroline Johansen Hannah Lubar Jacqueline Lubrano Phoebe Nir Olaitan Oladipo Michelle Onibokun Chiara Prodani Stefan Rodriguez Samantha St. Lawrence Tempestt Watts Jean Witmer

Fellowships, Scholarships, and Grants Awarded to **Graduating Seniors**

David Adler Fulbright Student Fellowship Avilash Cramer Fulbright Student Fellowship Reva Dhingra Fulbright Student Fellowship Ryan Din Harvey A. Baker Fellowship Sarah Domenick Fulbright Student Fellowship Thomas Finley Fulbright Student Fellowship Saudi Garcia Mellon Mays Undergraduate Fellowship Lisa Goddard

Fulbright Student Fellowship Hannah Graham Fulbright Student Fellowship

Liliana Gutmann-McKenzie Fulbright Student Fellowship

Raghava Kamalesh Fulbright Student Fellowship

Jaclyn Katz Anne Crosby Emery Fellowship

Juhee Kwon Arthur Liman Public Interest

Summer Fellowship

Emma Lamothe Fulbright Student Fellowship Hayward Lord Leach

Mellon Mays Undergraduate Fellowship

Erika Jasmine Lopez Garcia Mellon Mays Undergraduate Fellowship

Hannah Mack

Anne Crosby Emery Fellowship Jayson Marwaha

Harvey A. Baker Fellowship Sean Patrick Luna McAdams Mellon Mays Undergraduate Fellowship

Jesse McGleughlin

Fulbright Student Fellowship

Harvey A. Baker Fellowship

Rie Ohta

Fulbright Student Fellowship

Devon Revnolds

Fulbright Student Fellowship

Ellen Richardson

Harvey A. Baker Fellowship

Jeremy Shar

Fulbright Student Fellowship

Maxwell Sherman

Craig Cambridge Fellowship

Lindsay Sovern

Fulbright Student Fellowship

Kyle Zurcher

Fulbright Student Fellowship

Special Recognition for Advanced Degree Candidates

Erika Alexander '14 Ph.D.

Psychology

NSF Graduate Research
Fellowship, NSF Graduate
Teaching Fellows in K-12
Education

Justine Jeanne Allen '14 Ph.D.

Neuroscience

NSF Graduate Research
Fellowship, National Defense
Science and Engineering
Graduate Fellowship

Andrea Ellen Allgood '14 Ph.D.

Religious Studies

Cogut Center for the

Humanities Cargill MacMillan

Graduate Fellowship

(Brown University)

Stephanie Leigh Angione '14 Ph.D.

Biomedical Engineering

NASA Fellowship

Henry C. Astley '14 Ph.D.

Ecology and Evolutionary
Biology
John G. Peterson Fellowship (a
University departmental award)

Maya Balamane '14 MPH

Public Health

Framework in Global Health

Scholarship (Brown University),

Best Poster at Brown Global

Health Research Day

(Brown University)

Foteini Baldimtsi '14 Ph.D. *Computer Science* Paris Kanellakis Fellowship (a University departmental award)

Jennifer L. Barredo '14 Ph.D. Neuroscience Ruth L. Kirschstein NRSA Individual Predoctoral Fellowship

Kristin M. Beale '14 Ph.D.

Molecular Biology, Cell Biology,
and Biochemistry

NSF Graduate

Research Fellowship

Yelena Biberman '14 Ph.D.

Political Science
United States Institute of
Peace Fellowship, Smith
Richardson Foundation
Fellowship, American Institute
of Pakistan Studies Fellowship,
IREX U.S. Embassy Policy
Specialist Fellowship

David M. Blanding '14 Ph.D. *Political Science*Ford Foundation Fellowship

Nicolas P. Bommarito '14 Ph.D.

Philosophy
Fulbright Fellowship, Cogut
Center for the Humanities
Graduate Fellowship
(Brown University)
Amanda Michelle Bortolotto '14
MPH

Public Health
Framework in Global Health
Scholarship (Brown University)
Lindsay Devon Brin '14 Ph.D.

Ecology and Evolutionary
Biology
National Defense Science and
Engineering Graduate
Fellowship

Fellowship Angel Shree' Byrd '14 Ph.D. Pathobiology Gates Millennium Scholarship, UNCF Merck Graduate Science Research Dissertation Fellowship, Robateau-Epps Fund Scholarship Recipient, Anne Murray Bell, M.D. Scholarship from the Middlesex County Chapter of The Links, Inc., Federation of American Societies for Experimental Biology Minority Access to Research Careers Travel Award, New **England Science** Symposium/Harvard Medical School Ruth and William Silen. M.D. Award - Oral Presentation - 1st Prize, New England Science Symposium/The Beth Israel Deaconess Medical Center Department of Neonatology Award - Poster Presentation - 1st

Graduate Student Symposium Carey Allen Caginalp '14 Sc.M. Applied Mathematics NSF Graduate Research Fellowship

Prize, American Society for Cell

Biology Graduate Student Poster

Competition – 1st Prize, NIH

Symposium, St. Jude National

National Graduate Research

Ryan Marc Carney '14 Sc.M.

Ecology and Evolutionary

Biology

NSF Graduate

Research Fellowship Peng Chen '14 Ph.D.

Engineering
William N. Findley Award for
Best Graduate Student Paper
on the Mechanical Behavior
of Materials (a University
departmental award)

Thomas Chiachieh Chen '14 Ph.D. American Studies
Jacob K. Javits Fellowship, U.S. Department of State Critical Language Scholarship, Imagining America: Artists and Scholars in Public Life Publicly Active Graduate Education Fellow

Niki Kasumi Clements '14 Ph.D. *Religious Studies* Brown/Wheaton Faculty Fellowship

R. Elon Cook '14 A.M.

Public Humanities

Fellowship for the Study of the

Public History of Slavery

(Brown University)

Ronald Terik Daly '14 Sc.M.

Geological Sciences

NSF Graduate

Research Fellowship

Emilio Depetris Chauvin '14 Ph.D.

Economics
Abramson Prize (a University

departmental award)
Sean M. Dinces '14 Ph.D.

American Studies
Open Graduate Education
Program (Brown University)

Adrienne V. Dominguez '14 A.M. *Urban Education Policy*Ruth J. Simmons Urban

Education Policy Scholarship

(Brown University)

Jonathan David Ericson '14 Ph.D. *Cognitive Science* NASA Fellowship

Carlos Hernandez Faham '14 Ph.D.

Physics

NSF Graduate Research Fellowship

Kendra Christen Fehrer '14 Ph.D.

Anthropology
Fulbright-Hays Fellowship,
NSF Graduate Research
Fellowship, Social Science

Research Council International Dissertation Research Fellowship, Wenner-Gren

Dissertation Fellowship Grant Andrew DeBock Ferguson '14 Ph.D. Computer Science

National Defense Science and Engineering Graduate Fellowship

Dorothy Louise Fibiger '14 Ph.D.

Chemistry

American Association of University Women Dissertation Fellowship

Esha Ghosh '14 Sc.M.

Computer Science

Coline M. Makepeace

Fellowship (Brown University)

Connor Casey Gramazio '14 Sc.M.

Computer Science

NSF Graduate Research

Fellowship

Derek Nicholas Gromadzki '14

MFA

Literary Arts

Peter Kaplan Memorial

Peter Kaplan Memorial Fellowship (Brown University) Hua Guo '14 Sc.M.

Computer Science Brown Institute for Brain Science Graduate Research Award

Sarah J. Hall '14 MPA

Public Affairs and Public Policy

A. Alfred Taubman Scholar (a

University departmental award)

Christopher Withington Halladay '14 Sc.M.

Biostatistics
Society for Medical Decision
Making Lee Lusted Award
for Health Services and
Policy Research

Emma Louise Handy '14 A.M.

Chemistry

NSF Graduate

Research Fellowship
Bradley Adam Hanson '14 Ph.D.

Ethnomusicology
American Folklife Center at the
Library of Congress Blanton
Owen Fund Award

Margaret DeKoven Hennefeld '14 Ph.D.

Modern Culture and Media Marie J. Langlois Dissertation Prize (a University departmental award)

Jeffrey Walter Hofmann '14 Ph.D.

Molecular Biology, Cell Biology,
and Biochemistry

Puth L. Virgabetain National

Ruth L. Kirschstein National Research Service Awards for Individual Predoctoral MD/PhD

Marissa A. Holmbeck '14 Ph.D.

Molecular Biology, Cell Biology,
and Biochemistry
NIH Graduate
Research Fellowship
Brian Andrew Christopher

Horton '14 A.M.

Anthropology

NSF Graduate

Research Fellowship

James Alexander Jablin '14 Ph.D.

Computer Science
U.S. Department of
Energy Office of Science

Graduate Fellowship Eleanor R. Kane '14 MPA Public Affairs and Public Policy Darrell West Award (a

University departmental award)

Ata Karakci '14 Ph.D. Physics Galkin Foundation Fellowship Alexandra Robin King '14 Ph.D. Philosophy Brown/Wheaton Faculty Fellowship Jillian R. Kiser '14 Sc.M. Engineering Science, Mathematics And Research for Transformation Scholarship Courtney L. Klaips '14 Ph.D. Molecular Biology, Cell Biology, and Biochemistry NIH Ruth-Kirschstein National Research Service Award Bronwen Louise Konecky '14 Ph.D. Geological Sciences NSF Graduate Research Fellowship Shiva Koohi '14 Ph.D. **Economics** NIH National Institute of Child Health and Human Development T₃₂ Fellowship, Abramson Prize (a University departmental award) Evgenios Kornaropoulos '14 Sc.M. Computer Science Paris Kanellakis Fellowship (a University departmental award) Son Truong Le '14 Ph.D. Physics Vietnam Education Foundation Fellowship Heather Ruth Lee '14 Ph.D. American Studies Jacob K. Javits Fellowship, Andrew W. Mellon/American Council of Learned Societies Dissertation Completion Fellowship Kimberly June Lewis '14 A.M. Anthropology NSF Graduate Research Fellowship, Pembroke Center Graduate Fellowship (Brown University) Yi-Hung Liu '14 A.M. American Studies Fulbright Fellowship Cristina Y. López-Fagundo '14 Ph.D. Biomedical Engineering NSF Graduate Research Fellowship, Whitaker International Fellowship Dana Marie Lord '14 Ph.D.

Benjamin Thomas Luton '14 MFA Literary Arts Academy of American Poets Prize, Feldman Prize in Fiction, Edwin Honig Memorial Award in Poetry (University departmental awards) Andrea Maldonado '14 Ph.D. Anthropology Wenner-Gren Foundation Dissertation Fieldwork grant, Institute of International Education Graduate Fellowship for International Study, NIH Framework in Global Health Scholarship, Tinker Foundation Field Research Grant Justin Warren Martin '14 Sc.M. Psychology NSF Graduate Research Fellowship Robert Patrick Mayne '14 A.M. Sociology Andrew W. Mellon/American Council of Learned Societies Dissertation Completion Fellowship Nicôle Paula Meehan '14 A.M. American Studies UK-US Fulbright Scholar: Elsevier Award in Bibliometrics Michail Michailidis '14 Sc.M. Computer Science Paris Kanellakis Fellowship (a University departmental award) Jeffrey W. Miller '14 Ph.D. Applied Mathematics National Defense Science and **Engineering Graduate** Fellowship Claudia Hannah Moser '14 Ph.D. Archaeology and the Ancient World Rome Prize in Ancient Studies, Memoria Romana: Max Planck International Research Prize Doctoral Fellowship, Lemmermann Foundation Scholarship Award Erica Jade Mullen '14 Ph.D. Sociology NIH National Institute of Child Health and Human Development T₃₂ Fellowships Elizabeth Anne Murphy '14 Ph.D. Archaeology and the Ancient World Belgian American Educational Foundation Fellowship Michael Warren Murphy '14 A.M. Sociology NSF Integrative Graduate Education and Research Traineeship

Jeffrey Paul Neilson '14 Ph.D. English Cogut Center for the **Humanities Cargill** MacMillan Graduate Fellowship (Brown University) Abdullah Nazma Nowroz '14 Ph.D. Engineering Design Automation Conference Richard Newton Graduate Scholarship Hillary P. O'Brien '14 Sc.M. Geological Sciences NASA Fellowship Gareth Efan Atwood Olds '14 Ph.D. Economics NSF Integrative Graduate Education and Research Traineeship, Hazeltine Fellowship (Brown University) Glenda Molina Onario '14 Ph.D. Cognitive Science NIH National Institute of Child Health and Human Development National Research Service Award, Brown Institute for Brain Science Graduate Research Award Matthew Parks '14 Ph.D. **Applied Mathematics** Brown/Tougaloo Faculty Fellow Carisa Anik Platt '14 MFA Theatre Arts and Performance Studies Lotta Theatrical Fund Scholarship Miriam Leah Plavin-Masterman '14 Ph.D. Sociology Hazeltine Fellowship (Brown University) Apollonya Maria Porcelli '14 A.M. Sociology Brown-Marine Biological Laboratory Fellowship, Open Graduate Education Program (Brown University) Shivaani Gyan Prakash '14 Ph.D. Health Services Research Frank and Levy Fellowship Award (a University departmental award) Kelly Christine Puig '14 MFA Literary Arts Weston Graduate Prize, Frances Mason Harris Prize (University departmental awards) Teresa Ramirez '14 Ph.D. Biology Ford Foundation Fellowship, **Biomedical Science Careers** Program Hope Scholarship Jeffrey Thomas Rasley '14 Sc.M.

Computer Science
NSF Graduate
Research Fellowship

Casey Llewellyn Ratliff '14 M.F.A Theatre Arts and Performance Studies Lucille Lortel Playwriting Fellowship Jennifer Renee Ribeiro '14 Ph.D. ... Pathobiology Rhonda K. Simper-Ronan Graduate Award in Cancer Research (a University departmental award) Samuel J.L. Rogers '14 Ph.D. Public Affairs and Public Policy German Academic Exchange Service (DAAD) Graduate Scholarship Jermaine Lee Ross '14 Ph.D. Neuroscience NIH Fellows Award for Research Excellence, NIH Graduate Student Research Symposium Award in Biochemistry/Genetics/Cell and Molecular Biology, Genetics Society of American Drosophila Award Elizabeth Martha Rule '14 A.M. American Studies Thomas A. Tisch Fellowship (Brown University) Eoin Ryan '14 Ph.D. Philosophy Fulbright Fellowship, National University of Ireland Travelling Studentship Jeffrey M. Salacup '14 A.M. . Geological Sciences EPA STAR Graduate Fellowship Timothy Lawrence Rodford Sandiford '14 A.M. Archaeology and the Ancient World Egypt Exploration Society Centenary Award Bridget Gina Saracino '14 MFA Theatre Arts: Acting Lotta Theatrical Fund Scholarship Kelly M. Schermerhorn '14 Ph.D. Chemistry NIH Young Research Fellow at 63rd Lindau Nobel Laureate Meeting Jennifer D. Schnepf '14 Ph.D., A.M. English Christopher Isherwood Foundation Fellowship, Huntington Library Fellowship Sujat Sen '14 Ph.D. Chemistry The Electrochemical Society Edward G. Weston Summer Fellowship

Molecular Pharmacology

NSF- EPSCoR Graduate

Fellowship, Sigma Xi

and Physiology

Rui Shen '14 Ph.D. Engineering Superfund Research Program Trainee Fellowship (Brown University) Heiða María Sigurðardóttir '14 Ph.D. Neuroscience Fulbright Fellowship Gayatri Singh '14 Ph.D. Sociology Graduate Program in Development Fellowship (Brown University) Jennifer E. Singletary '14 Ph.D. Religious Studies Ernest Frerichs Graduate Fellowship (Brown University), American Oriental Society Graduate Student Award for Travel, Gorgias Press **Book Grant** Vince Shing-Wing Siu '14 Ph.D. Biomedical Engineering Slater/NSF EPSCoR Entrepreneurial Fellowship Kristin Joy Skrabut '14 Ph.D. Anthropology NSF Doctoral Dissertation Research Improvement Grant, Wenner-Gren Dissertation Fellowship Grant Zdenko Martin Slobodnik '14 MFA Theatre Studies: Acting Stephen Sondheim Fellow (Brown University) Ashley Ann Smith '14 Ph.D. Pathobiology Rhonda K. Simper Ronan Graduate Award in Cancer Research (a University departmental award) Marcela Margaret Louise Soruco '14 Ph.D. Molecular Biology, Cell Biology, and Biochemistry NIH Ruth L. Kirschstein National Research Service Award David Andrew Stout '14 Ph.D. Biomedical Engineering NSF Graduate Research Fellowship Chi-Cheung Su '14 Ph.D. Chemistry Brown/Wheaton Faculty Fellowship Chenguang Sun '14 Ph.D. Geological Sciences American Geophysical Union Outstanding Student Paper Award Amy Sara Teller '14 A.M. Sociology Open Graduate Education

Program (Brown University)

Elizabeth Katherine Thomas '14 Geological Sciences NSF Graduate Research Fellowship Kyle Andrew Totaro '14 Ph.D. Chemistry William T. King Prize for Teaching (a University departmental award) Antoine Gabriel Traisnel '14 Ph.D. Comparative Literature Albert Spaulding Cook Prize in Comparative Literature (a University departmental award) Aggeliki Tsoli '14 Ph.D. Computer Science Paris Kanellakis Fellowship (a University departmental award) Stacey Leigh Vanderhurst '14 Ph.D. Anthropology Andrew W. Mellon/American Council of Learned Societies Dissertation Completion Fellowship, NSF Doctoral Dissertation Improvement Grant, Social Science Research Council International Dissertation Research Fellowship, Wenner-Gren Foundation Dissertation Fieldwork Grant, Association for Feminist Anthropology Dissertation Award, Association for Political and Legal Anthropology Graduate Student Paper Prize Lori Theresa Veilleux '14 Ph.D. Religious Studies Massachusetts Historical Society Benjamin Franklin Stevens Fellow Emma Westerbeek Viscidi '14 Ph.D. Public Health Brown Institute for Brain Science Graduate Research Award Trina Vithayathil '14 Ph.D. Sociology Fulbright-Hays Fellowship, NSF Graduate Research

Fellowship, NSF Doctoral

National Defense Science

Miles Harley Wheeler '14 Ph.D.

Mathematics Department

Dissertation Research

Improvement Grant

and Biochemistry

and Engineering

Graduate Student

Teaching Award

Mathematics

Graduate Fellowship

Catherine Burke Volle '14 Ph.D. Molecular Biology, Cell Biology,

Aleysia Kristine Whitmore '14 Ph.D. Ethnomusicology Society for Ethnomusicology African Music Section African Libraries Student Paper Prize, Ruth Landes Memorial Research Fund Grant Jennifer Leigh Whitten '14 Ph.D. Geological Sciences NASA Space Grant Wei Wu '14 Ph.D. Applied Mathematics Simon Ostrach Fellowship (a University departmental award) Yue Yu '14 Ph.D. **Applied Mathematics** Simon Ostrach Fellowship (a University departmental **Faculty Recognition** AWARDS FOR EXCELLENCE IN SCHOLARSHIP David Berson Sidney A. Fox and Dorthea Doctors Fox Professor of Opthalmology and Visual Science, Professor of Medical Science Presidential Faculty Award, Fall 2014 AWARDS FOR EXCELLENCE IN TEACHING Amit Basu Associate Professor of Chemistry Karen T. Romer Prize for Undergraduate Advising and Mentoring Lundy Braun Professor of Africana Studies and Pathology and Laboratory Medicine Elizabeth LeDuc Award for Excellence in Teaching in the Life Sciences Richard Bungiro Lecturer of Biology, Molecular Microbiology and Immunology Dean's Award for Excellence in Teaching Stephen Bush Assistant Professor of Religious Studies Henry Merritt Wriston Fellowship Paja Faudree Assistant Professor of Anthropology Dean's Award for Excellence in Teaching Linford Fisher Assistant Professor of History

Henry Merritt Wriston

Fellowship

Francoise Hamlin Assistant Professor of Africana Studies William G. McLoughlin Award for Excellence in Teaching in the Social Sciences Matthew Harrison Assistant Professor of **Applied Mathematics** Philip J. Bray Award for Excellence in Teaching in the Physical Sciences Nancy Khalek Assistant Professor of Religious Studies John Rowe Workman Award for Excellence in Teaching in the Humanities Michael A. Paradiso Professor of Neuroscience The Harriet W. Sheridan Award for Distinguished Contribution to Teaching and Learning Joan Richards Professor of History Karen T. Romer Prize for Undergraduate Advising and Mentoring Barbara Tannenbaum Lecturer in Theatre Arts and Performance Studies The Harriet W. Sheridan Award for Distinguished Contribution to Teaching and Learning FACULTY NEWLY APPOINTED TO ENDOWED AND NAMED PROFESSORSHIPS, JULY 1, 2013 Laurel Bestock Vartan Gregorian Assistant Professor of Archaeology and the Ancient World and Egyptology and Ancient Western Asian Studies Samuel Dudley Ruth and Paul Levinger Professor of Cardiology Jonathan Eaton William R. Rhodes 1957 Professor of International Economics Jack A. Elias

Frank L. Day Professor of Biology Roquinaldo Ferreira Vasco de Gama Associate Professor of Portuguese and Brazilian Studies and History Mary Louise Gill David Benedict Professor of

Classics and Philosophy

Susan Ashbrook Harvey Royce Family Professor of Teaching Excellence in Religious Studies

James Hays

Manning Assistant Professor of Computer Science

George Karniadakis

Charles Pitts Robinson and John Palmer Barstow Professor of Applied Mathematics

Erica Larschan

Richard and Edna Salomon Assistant Professor of Molecular Biology, Cell Biology, and Biochemistry

James Morone

John Hazen White Professor of Public Policy

Maureen Phipps

Chace-Joukowsky Professor of Obstetrics and Gynecology

Jill Pipher

Elisha Benjamin Andrews Professor of Mathematics

Robert Self

Royce Family Professor of Teaching Excellence in History

Thomas Serre

Manning Assistant Professor of Cognitive, Linguistic, and Psychological Sciences

Edward Steinfeld

Dean's Professor of China Studies Professor of Political Science

SELECTED FACULTY HONORS, 2013-14

Mark Ainsworth

Professor of Applied Mathematics Society for Industrial and Applied Mathematics (SIAM) Fellow, 2014

Susan Alcock

Joukowsky Family Professor of Archaeology and Classics British Academy for the Humanities and Social Sciences Corresponding Fellow, 2013

Onésimo T. Almeida

Professor of Portuguese

and Brazilian Studies

Honoris Causa, University
of Aveiro, Portugal, 2013

Geri Augusto

Visiting Associate Professor of Africana Studies Fulbright Scholar Research Fellowship, 2013-2014

Wesley Bernskoetter

Manning Assistant Professor
of Chemistry
Alfred P. Sloan Research
Fellow, 2014

Mark Bertness

Robert P. Brown Professor of Biology Fulbright Scholar Research Fellowship, 2013-2014

John Bodel

W. Duncan MacMillan II Professor of Classics American Council of Learned Societies Fellow, 2014

Alexander Braverman

Professor of Mathematics
Simons Foundation
Fellow, 2013

Kenneth Breuer

Professor of Engineering
American Society of
Mechanical Engineers Fellow,
2013; American Institute of
Aeronautics and Astronautics
Associate Fellow, 2014

Cynthia Brokaw

Professor of History

Henry Luce Fellow, National

Humanities Center, 2013-2014

Melani Cammett

Associate Professor of

Political Science

Mellon Foundation, New

Directions Fellowship, 2013

Robyn Creswell

Assistant Professor of
Comparative Literature
Roger Shattuck Prize
for Criticism, 2013

Eric Darling

Assistant Professor of Medical Science National Science Foundation Early Career Development (CAREER) Award, 2013

Erika Edwards

Associate Professor of Ecology and Evolutionary Biology National Science Foundation Early Career Development (CAREER) Award, 2013

Pedro Felzenszwalb

Associate Professor
of Engineering
Grace Murray Hopper Award,
the Association for Computing
Machinery, 2013

Baylor Fox-Kemper
Assistant Professor of
Geological Sciences
National Science Foundation
Early Career Development
(CAREER) Award, 2014

Jo Guldi

Assistant Professor of History Harvard Society of Fellows, 2011-2013 Meredith Hastings

Joukowsky Family Assistant Professor of Geological Sciences National Science Foundation Early Career Development (CAREER) Award, 2014

James W. Head

Louis and Elizabeth Scherck Distinguished Professor of Geological Sciences Norman L. Bowen Award, The American Geophysical Union, 2013

Maurice Herlihy

Professor of Computer Science W. Wallace McDowell Award from the IEEE Computer Society, 2013

Leigh Hochberg

Associate Professor of Engineering Joseph B. Martin Prize in Basic Research, Massachusetts General Hospital, 2013; Herbert Pardes Award for Excellence in Clinical Research, Clinical Research Forum, 2013

Robert Hurt

Professor of Engineering American Carbon Society, 2013 Charles E. Pettinos Award

George Karniadakis

Charles Pitts Robinson and John Palmer Barstow Professor of Applied Mathematics J. Tinsley Oden Medal of the US Association on Computational Mechanics, 2013

Richard Kenyon

William R. Kenan, Jr. University Professor of Mathematics American Academy of Arts and Sciences Fellow, 2014

Eunsuk Kim

Assistant Professor of Chemistry National Science Foundation Early Career Development (CAREER) Award, 2013, American Chemical Society, 2013 Global Research Experiences, Exchanges, and Training (GREET) Award, 2013

Robert Lee

Associate Professor of American Studies Fulbright Scholar Research Fellowship, 2013-2014

Catherine Lutz

Professor of Anthropology
Thomas J. Watson, Jr.
Family Professor of
International Studies
John Simon Guggenheim
Memorial Foundation
Fellowship, 2013

John Bradley Marston Professor of Physics American Physical Society Fellow, 2013

Rose McDermott

Professor of Political Science American Academy of Arts and Sciences Fellow, 2013

Eric Morrow

Assistant Professor of Biology Assistant Professor of Psychiatry and Human Behavior Society of Biological Psychiatry's A.E. Bennett Research Award, 2014

Vincent Mor

Florence Pirce Grant
University Professor
Professor of Health Services,
Policy and Practice
National Hospice and Palliative
Care Organization's 2013
Distinguished Researcher
Award; John M. Eisenberg
Excellence in Mentorship
Award, 2013

Dietrich Neumann

Professor of History of Art and
Architecture
Berlin Prize, American
Academy in Berlin, 2013;
Residency, American Academy

in Rome, 2014 Ethan Pollock

Associate Professor of History Center for Advanced Study in the Behavioral Sciences Fellow, Stanford University, 2013-2014

Thomas Powers

Professor of Engineering American Physical Society Fellow, 2013

Kavita Ramanan
Professor of Applied
Mathematics
Institute of Mathematical
Statistics (IMS) Fellow, 2013

Massimo Riva

Professor of Italian Studies Order of Merit of the Italian Republic, in the rank of Ufficiale, 2014

J. Timmons Roberts
Ittleson Professor of
Environmental Studies,
Professor of Sociology
Frederick H. Buttel Award for
Distinguished Scholarship in
Environmental Sociology,
International Sociological
Association's Research
Committee on Environment
and Society, 2014

Bjorn Sandstede
Professor of Applied
Mathematics
Society for Industrial and
Applied Mathematics
(SIAM) Fellow, 2013

Thomas Schestag
Associate Professor of
German Studies
Berlin Prize, American
Academy in Berlin, 2013

Roberto Serrano
Harrison S. Kravis University
Professor of Economics
Econometric Society
Fellow, 2013

Thomas Serre

Manning Assistant Professor of
Cognitive, Linguistic, and
Psychological Sciences
National Science Foundation
Early Career Development
(CAREER) Award, 2014

Tracy Steffes

Assistant Professor of Education

American Council of

Learned Societies Fellowship,

2013-2014

Richard Stratt
Newport Rogers Professor of
Chemistry
American Chemical Society
Fellow, 2013

Walter Strauss

L. Herbert Ballou University Professor of Mathematics American Academy of Arts and Sciences Fellow, 2013

Erik Sudderth
Assistant Professor of
Computer Science
National Science Foundation
Early Career Development
(CAREER) Award, 2014

Leslie Thornton

Professor of Modern Culture

and Media

John Simon Guggenheim

Memorial Foundation

Fellowship, 2013

Christopher Joshua Tucker Assistant Professor of Music Wenner-Gren Foundation for Anthropological Research Post-Ph.D Research Grant, 2013-2014

Paul Valiant

Assistant Professor of

Computer Science

Alfred P. Sloan Research

Fellow, 2014

Iames Valles, Ir.

James Valles, Jr.

Professor of Physics

American Physical Society
Fellow, 2013

Michael Vorenberg

Associate Professor of History

National Endowment for the

Humanities, Newberry Fellow,
2013-2014

Lai-Sheng Wang

Professor of Chemistry

Earle K. Plyler Prize in

Molecular Spectroscopy
and Dynamics, American
Physical Society, 2014

Terrie T. Wetle

Professor of Health Services,
Policy and Practice

Dean of Public Health
Lifetime Achievement
Award, American Public
Health Association

Commencement Procession Aides and Marshals

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DEPUTY CHIEF MARSHAL David Granville-Smith '89

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ASSISTANT CHIEF OF STAFF Judith L. Sanford-Harris '74

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Berit Spant Muh '64
Susan Rosenfeld '64 AM'65
J. Richard Chambers '69
Rosemary A. DiCarlo '69 AM'71
PHD'79
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Elizabeth Levy Alfano '99 Michael B. Alfano '99 Eli R. Goodman '99 Kochitl Gonzalez '99 Brent J. Grinna '04 Sam Hodges '04 Ellen C. Hunter '04 Alexandra Steel '04 Sara R. Gentile '09 Zachary R. Langway '09 Robert J. Smith, III '09 Charlotte K. Steel '09

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Nancy K. Cassidy '73 Marie B. Stoeckel '73 Santina L. Siena '73

Division of the Graduating Class

MARSHAL IN CHARGE

David Targan '78

Associate Dean of the College
for Science Education

ASSISTANT MARSHAL IN CHARGE

Richard Bova

Senior Associate Dean, Residential Life and Dining Services

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Mary Grace Almandrez
Director of the Third World
Center and Assistant Dean of
the College

Natalie Basil

Director of Residential Experience Yolanda Castillo-Appollonio Associate Dean of Student Life and Director of Student Conduct

Peggy Chang Director of the Curricular Resource Center

Gail Cohee

Director of the Sarah Doyle Women's Center

Ashley Ferranti

Assistant Dean of Student Life

Ricky Gresh

Director for Campus Life Projects

Richard Hilton

Associate Director for Administrative Services, Residential Life

Besenia Rodriguez '00 Associate Dean of the College for Research and Upperclass Studies

Katherine Ann Tameo
Director of Finance and
Administration, Office of Campus Life and Student Services

Kate Tompkins
Assistant Director for
Summer and Special
Programs, Residential Life
Jonah Allen Ward
Senior Associate Dean for
Student Life

SENIOR CLASS MARSHALS

Larry Au '14 Zhumeng Heidi Dong '14 Walter Garcia '14 Macda Gerard '14 Adam M. Katz '14 Taran Raghuram '14 Harry J. Ramsamooj '14 Yen Jay Tran '14

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Professor Tricia Rose A.M. '87, Ph.D. '93

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Division of Corporation and Invited Guests

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Joseph M. Pucci

Associate Professor of Classics and Comparative Literature

ASSISTANT MARSHAL IN CHARGE FOR HONORARY DEGREE CANDIDATES

Andries Van Dam

Professor of Computer Science

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Bruce Keeler '90
Manjusri Ratnayaka '03
Shelley Roth
Pauline Talbott
Michelle Wachs '86

Graduate School

CHIEF MARSHAL

Don Operario
Associate Dean for
Master's Education,
Associate Professor
of Public Health

FACULTY MARSHALS FOR THE GRADUATE SCHOOL

Erik Ehn

Chair and Professor, Theatre Arts and Performance Studies Marion E. Orr

Director of the A. Alfred Taubman Center for Public Policy and American Institutions, Lippitt Professor of Public Policy, Professor of Political Science and Urban Studies

Eric Suuberg

Professor of Engineering, Co-director of Program in Innovation Management and Entrepreneurship Engineering

Terrie T. Wetle

Dean of the School of Public Health

Kenneth K. Wong

Chair, Education Department, Walter and Leonore Annenberg Professor of Education Policy

HOODERS

Jabbar R. Bennett

Associate Dean of the Graduate School, Associate Dean, Division of Biology and Medicine, Clinical Assistant Professor of Medicine

Elizabeth O. Harrington
Associate Dean for Graduate
and Postdoctoral Studies,
Division of Biology and
Medicine, Associate Professor
of Medicine (Research)

Medical School

CHIEF MARSHAL

Daniel DiPrete '85 '89 M.D.

AIDES TO THE CHIEF

MARSHAL

Stephen W. Gilheeney '95 '97 M.M.S. '99 M.D. David Lyden '89 M.D.

REUNION MEDICAL ALUMNI MARSHALS

Preston C. Calvert '76, '79 M.D. Roberta H. de Regt '76, '79 M.D. Daniel S. Harrop '76, '79 M.D. Harry Robert Pappas '76, '79 M.D.

Steven G. Pavlakis '76, '79 M.D. Paul D. Cardi '84 M.D.

Stephen L. Chabot '84 M.D.

Jean W. Gillon '84 M.D. Theodore R. Jacobs '84 M.D.

Keith M. Kerman '80, '84 M.D.

Peter A. Thompson '80, '84 M.D.

Joseph Kim '89 M.D.

Glenn Prescod '83, 89 M.D.

David Taylor '89 M.D.

Jacob B. Blumenthal '89, '94 M.D. Rohina Gandhi-Hoffman '90, '94

M.D.

Monica R. Shah '89, '94 M.D. Lisa A. Taitsman '90, '94 M.D. Garey H. Noritz '95, '99 M.D. Steven Soohwan Shin '95, '97

M.M.S. '99 M.D. Jeremy S. Boyd '99 M.D.

George A. Turini, III '05, '09 M.D. Clifford Voigt '05, '09 M.D.

FIRST MARSHAL

Joseph Diaz '90 M.P.H., '96 M.D.

FACULTY MARSHALS

Luba Dumenco Edward R. Feller Paul George Dale Ritter Julie Taylor

HOODERS

Luba Dumenco Philip Gruppuso Dale Ritter

Music for the Procession

Brown University Commencement Band – Matthew McGarrell, Director

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

The coat of arms on the stage is a gift from Mary Aguiar Vascellaro '74 and Jerome Vascellaro '74.

Officers of the University

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Locations for Diploma Ceremonies

- E-6 Africana Studies
 Churchill House, Rites
 and Reasons Theatre
 155 Angell Street
- E-5 American Studies
 Tent, Norwood House,
 Sharpe Park
 82 Waterman Street
- I-9 AnthropologyTent, Giddings House,Garden128 Hope Street
- F-9 Applied Mathematics
 Barus and Holley,
 Room 168
 184 Hope Street
- G-4 Archaeology and the Ancient World Rhode Island Hall, Rooms 108 and 109 Campus Green
- A-8 Biology
 Pizzitola Memorial Sports
 Center, Gymnasium
 235 Hope Street
- C-8 Business,
 Entrepreneurship &
 Organizations
 Tent, Pembroke Field
 Brook and Cushing Streets
- G-7 Chemistry
 MacMillan Hall, Starr
 Auditorium (Room 117)
 Thayer and George Streets
- F-4 Classics
 Manning Hall, Chapel
 Campus Green
- B-8 Cognitive, Linguistic and Psychological Sciences Meehan Auditorium 235 Hope Street
- C-5 Comparative Literature
 Alumnae Hall, Auditorium
 Pembroke Campus
- H-3 Computer Science First Unitarian Church 1 Benevolent Street
- H-7 Development Studies Tent, Starr Plaza 111 Thayer Street

- C-5 East Asian Studies Smith-Buonanno Hall, Room 106 Pembroke Campus
- B-9 Economics
 Olney-Margolies
 Athletic Center
 235 Hope Street
- S-5 Education
 Salomon Center for
 Teaching, DeCiccio
 Family Auditorium
 Campus Green
- G-4 Egyptology and Ancient Western Asian Studies Rhode Island Hall, Rooms 108 and 109 Campus Green
- E-1 Engineering
 First Baptist Church
 in America
 75 North Main Street
- F-5 English Sayles Hall, Auditorium Campus Green
- F-4 Environmental Science and Environmental Studies Stephen Robert '62 Campus Center, Kasper Multipurpose Room 75 Waterman Street
- G-10 Ethnic Studies
 Tent, Aldrich House,
 Garden
 110 Benevolent Street
- C-2 French Studies
 Tent, Rochambeau House,
 Garden
 84 Prospect Street
- D-5 Gender and Sexuality Studies Pembroke Hall, Room 202 172 Meeting Street
- G-7 Geological Sciences
 Tent, MacMillan Hall,
 Side Lawn
 Thayer and George Streets
- E-9 German Studies South Lawn 190 Hope Street
- C-2 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 Green
- E-4 Independent
 Concentration
 Brown RISD Hillel,
 Social Hall
 80 Brown Street
- F-6 International Relations Tent, Ruth J. Simmons Quadrangle
- E-9 Italian Studies South Lawn 190 Hope Street
- F-5 Judaic Studies Salomon Center for Teaching, Room 001 Campus Green
- H-7 Latin American and Caribbean Studies Tent, Starr Plaza 111 Thayer Street
- G-4 Literary Arts
 Tent, Front Green
 (in front of Rhode
 Island Hall)
- D-5 Mathematics Pembroke Hall, Room 305 172 Meeting Street
- D-10 Medieval Studies Central Congregational Church 296 Angell Street
- H-7 Middle East Studies
 Watson Institute,
 Joukowsky Forum
 111 Thayer Street
- E-6 Modern Culture and
 Media
 Granoff Center for the
 Creative Arts, Martinos
 Auditorium
 154 Angell Street
- H-10 Music
 Grant Recital Hall
 Hope Street and Young
 Orchard Avenue
- H-5 Neuroscience Tent, Wriston Quad

- F-3 Philosophy
 List Art Center, Room 120
 64 College Street
- F-8 Physics
 Barus and Holley,
 Room 166
 184 Hope Street
- E-5 Political Science
 Tent, South Walkway
 Between Angell and
 Waterman Streets
- G-7 Portuguese and Brazilian
 Studies
 Tent, Meiklejohn House,
 Garden
 159 George Street
- G-6 Public Health
 St. Stephen's Church
 114 George Street
- 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
 194 Meeting Street
- 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
- -3 Visual Art
 Tent, List Art Center Lawn
 64 College Street



- ★ Welcome/Information Center
- Main Functions and Restrooms are Accessible
- 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 at Faunce House (access via the Faunce Arch).