

1794 ★ ♀

COMMENCEMENT

BOWDOIN COLLEGE COMMENCEMENT

S , M 25, 2019

QVOD BONVM FELIX FAVSTVMQUE SIT
INLVSTRISSIMAE JANET MILLS GVBERNATORI
CONSILIARIIS ET SENATORIBUS
QVI LITTERIS REI PVBLCAE MAINENSIS PROPRIE PRAESVNT
SOCIISQVE CVRANTIBVS
COLLEGI BOWDOINENSIS
HONORANDIS ATQVE REVERENDIS
CLARISSIMO CLAYTON ROSE PRAESIDI
TOTI SENATVI ACADEMICO
ECCLESiarvm PASTORIBVS VENERANDIS
CVNCTIS DENIQVE VBIQVE GENTIVM HUMANITATIS FAVTORIBVS
HASCE EXERCITATIONES
IVVENES IN ARTIBVS INITIATI
HVMILLIMI DEDICANT

HABITAS IN COMITIIS COLLEGI BOWDOINENSIS BRVNSVICI IN RE PUBLICA MAINENSI
ANTE DIEM VIII KAL IUN ANNO SALUTIS MMMXVIX
RERUMQUE PUBLICARUM FOEDERATARUM AMERICAE POTESTATIS CCXLIII

DEGREES

The Latin text quoted on the preceding page has introduced Bowdoin's Commencement Program since August 21, 1822. The names of the twenty-four graduates of the Class of 1822 were, for the most part, also translated into Latin for the program. In the early years of the College, each graduating senior was required to deliver a Commencement "part," an oration on ancient or modern topics, which was equally given in one of the classical languages, Latin, Greek, or Hebrew. The final Latin oration was given in 1893, but the tradition of Latin survives in the language used to dedicate the Commencement Exercises and to confer the bachelor of arts degree. The translation below was provided by Robert B. Sobak, Associate Professor of Classics.

May it be good, felicitous, and well-omened:^{*}
To Janet Mills, esteemed Governor;
to the Representatives and Senators
who personally preside over the arts and letters for
the State of Maine;
and to the honorable and respected Trustees of
Bowdoin College;
to Clayton Rose, distinguished President;
to the entire academic senate; to the venerable
religious leaders;
in short, to all patrons of the human race everywhere,
the young people hereby initiated into the arts
and letters
most humbly dedicate these exercises.

Held in a gathering of Bowdoin College, in Brunswick,
in the State of Maine,
on the eighth day before the Kalends of June, in the
2019th year of our well-being
and in the 243rd year of the authority of the United
States of America.

* An ancient Roman formula used at the outset of a ritual

TWO HUNDRED FOURTEENTH COMMENCEMENT OF BOWDOIN COLLEGE

May 25, 2019

COMMENCEMENT MARCH

OPENING OF THE COMMENCEMENT EXERCISES

INVOCATION

Director of the Rachel Lord Center for Religious and Spiritual Life

THE STAR SPANGLED BANNER

G L , Beckwith Artist in Residence, Piano

INTRODUCTORY REMARKS

• •

Chair of the Board of Trustees

FOR THE STATE

•

WELCOME

• •

President of the College

SENIOR COMMENCEMENT SPEAKERS

“A Bike-able Distance”

• •

Class of 1868 Prize Winner

“The Beauty of Resilience”

Goodwin Commencement Prize Winner

CONFERRING OF HONORARY DEGREES
C S. R
President of the College

€ - , • f €

• • , • • •

• • , • f €

• , • f €
•

Assistant Professor of Government

CONFERRING OF BACCALAUREATE DEGREES

DEDICATION

• •

President of the College

f • „ • ... , •
Class President

RAISE SONGS TO BOWDOIN

G L , Piano
Words appear on the last page of this program.

CONCLUSION OF THE COMMENCEMENT EXERCISES

† f •
Isaac Henry Wing Professor of Mathematics and College Marshal

RECESSATIONAL MARCH

CANDIDATES FOR THE A.B. DEGREE, MAY

f • „ • ..., •

Class Marshal

‡

•

^ ..

€ %o Š

f • •

- - - - -

‡

.. ... -

‐ †

• ‐ ...

‐

• ‐

‡

f •
 •
•
^ • •
 •
^ •
- ,
• , ^ , €
 • ,
 ,
•€ , •
„ , ^ ...
 , €
(
Œ , „

•• - Sociology and Government and Legal Studies
 • ... Sociology; Minor: Psychology
 • Education-Economics
 Ž Government and Legal Studies; Minor: Chinese
 €• Psychology; Minor: Sociology
 œ f Hispanic Studies and Africana Studies; Minor: Theater
 • ^ • Neuroscience; Minor: Francophone Studies
 •• Economics and Mathematics

œ Government and Legal Studies; Minor: Education
 • œ Biochemistry; Minor: Computer Science
 - œ Economics; Minor: History
 f • œ Environmental Studies-Anthropology
 € -- œ Environmental Studies-History
 œ œ Education-History
 ^
 • œ • • Biology; Minor: Economics
 • œ • Economics and Psychology
 • œ • Francophone Studies and Africana Studies
 • • - œ Earth and Oceanographic Science; Minor: Hispanic Studies
 •• œ Biology; Minor: Environmental Studies
 œ Environmental Studies-Earth and Oceanographic Science;
 Minor: Francophone Studies

œ •
 • œ '
 œ •
 œ œ
 Š œ œ
 œ • Ž
 %œ œ•

' € •
 • €
 œ €
 œ f €
 €
 • €
 € -

f • • €
 • , €
 f € •
 • € •
 € •
 € „
 €
 • € -

f ... € €
 • € •
 • • €
 €
 , - • € ••

%₀ • €
€
€ ...•
€
‡ • • €
• €
Œ • • €
f €
^ € ••

- •,
(• • ••
• Œ Š ••
Š
- •
-
Œ • ••
%₀ • ,
• • • •
%₀ •
- •
Œ • ,
- † • -
• •
•
€ Œ • • €
• •
• •
€ ,
%₀
•
• •
, ...
Œ
• • •
•
^ • • •
•
€ •
f ••
,
Œ • •
•
Œ „ ... •

	-	Computer Science and Government and Legal Studies	Nelson, Massachusetts
	•	Minor: Economics	
	•	Environmental Studies-Government and Legal Studies	Nease, Massachusetts
	•	Government and Legal Studies; Minor: Sociology	Lynnwood, Washington
OE	•	Asian Studies; Minor: Chemistry	Short Hills, New Jersey
f	•	Sociology	Boston, Massachusetts
	•	Economics and Hispanic Studies	Louisville, Colorado
	•	Mathematics; Minor: Economics	Jericho, Vermont
	•	Neuroscience and Africana Studies; Minor: Sociology	Cambridge, Massachusetts
	•	Economics and Mathematics	Freeport, Maine
	•	Government and Legal Studies; Minor: Economic	Cohasset, Massachusetts
	•	Religion and Biology	Clive, Iowa
	•	Gender, Sexuality, and Women's Studies; Minor: Mu	Madison, Connecticut
	•	Mathematics and Education; Minor: Visual Arts	Nyack, New York
f	•	Education-Psychology; Minor: Hispanic Studies	West Newton, Massachusetts
	•	Government and Legal Studies and Sociology; M	New York, New York
ž	•	Government and Legal Studies; Minor: History	Ann Arbor, Michigan
ž	•	Economics; Minor: Mathematics	Washington, District of Columbia
•	•	Government and Legal Studies; Minor: History	Scituate, Massachusetts
•	•	Economics	Weston, Massachusetts
•	—	Environmental Studies-Earth and Oceanographic	Science City, New York
	•	Minor: Education	
	•	Economics	Windham, New Hampshire
	•	Neuroscience; Minor: Francophone Studies	Cowan Heights, California
	•	Government and Legal Studies; Minor: Economic	Providence, Rhode Island
^	•	Economics; Minor: History	Brooklyn, New York
"	•	History	San Francisco, California
‡	”	Economics; Minor: Cinema Studies	Spartanburg, South Carolina
•	•	Government and Legal Studies	Briarcliff Manor, New York
•	,	Government and Legal Studies and Economics	Orange, Connecticut
	•	Biology	Long Beach, California
	•	Government and Legal Studies and Francophone	Studies, Massachusetts
	•	Biology; Minor: English	Lexington, Kentucky
	•	Mathematics; Minor: Computer Science	Lynnfield, Massachusetts
	•	Economics; Minor: Government and Legal Studie	Darien, Connecticut
•	•	Mathematics	Berkeley, California
	•	Economics; Minor: Psychology	Palo Alto, California
•	•	Government and Legal Studies; Minor: Chemistry	Minneapolis, Minnesota
•	,	Computer Science	Lynnfield, Massachusetts
	”	Neuroscience; Minor: Chinese	Washington, District of Columbia
†	•	Environmental Studies-Government and Legal Stu	Melville, Connecticut
	•	Environmental Studies-Africana Studies; Minor: His	Bethel, New York
•	€	Sociology and Government and Legal Studies	Baltimore, Maryland
	•	Biochemistry; Minor: Africana Studies	Quakertown, Pennsylvania
	•	Economics; Minor: Archaeology	Rochester, New York
	•	Physics; Minor: Mathematics	Salem, Connecticut
	•	Environmental Studies-Psychology	Concord, Massachusetts
	•	Education-Sociology; Minor: Government and Lega	Wellesley, Massachusetts

• •
• —
OE OE
• •
• •
f • •
%o • • • •
• • -

€• •

, •
-
‡
, ‹ •
• € •
€•
€ ,

—

• ‹
‘

- • OE

• •
€ -
•

•Œ €• ^ ...,,
 ^
 - ^ • •

 ^
• • Š ^
• • ^
• ^ oo
 ^
Œ • oo ^ •
 ^
 , ^
Œ • oo
Œ < ^

†
, †
OE † ..
† ..
(• • †
Š• †
~ †
• † ..
• †
• ~
, •
•
^ • €
ž •
•
... OE (
Š•
• •
‡ ...‡
^ • ‡ ..
‡
‡
, • ‡ ..
.. ‡ ..

Id447 • o025

HONORARY APPOINTMENTS

SUMMA CUM LAUDE

• • • Š • • •
‰‰‰ f Ž • •
€ - Ž Š • ‡
 • †
 ‡

MAGNA CUM LAUDE

• Œ • • Œ • • ^ •
• • • Œ • , † Š
‡ Ž , • • †
• • • • %‰ †
, • • • , †
- f f • • • †
• ^ • , • • ~
• • Œ ‡ , •
€ • • , •
•

CUM LAUDE

‡ • € „ • •
^ • • , • • •
, Œ • f „ • •
• • Œ • f • •
‰‰‰ Ž f • •
• - f • • ...
f • • Œ † •
‡ Œ f € •
• • - Œ € •
- Š Œ • •
„ Œ f • Œ
• • • Œ f ... € •
^ • Œ € † •
• Œ Œ € € ^
f • Œ • Œ
• • Œ Œ Š ^
• , Œ • • %‰ •
• , Œ Œ Š ^
• , Œ Œ Š ^
• , Œ Œ Š ^

PHI BETA KAPPA

Students elected to Phi Beta Kappa wear green and white ribbons on their academic gowns.

HONORANDS OF THE COMMENCEMENT

Doctor of Humane Letters (LHD)

Earl Lewis is a prominent social historian and champion of the humanities and the liberal arts. Former president of The Andrew W. Mellon Foundation, he is currently founding director of the Center for Social Solutions and professor of history and African-American and African studies at the University of Michigan. A graduate of Concordia College, he earned a PhD at the University of Minnesota in 1984. After teaching at the University of California-Berkeley and the University of Michigan, he moved to Emory University, where he served as executive vice president for academic affairs and provost as well as the Asa Griggs Candler Professor of History and African American Studies. Lewis was Emory's first African American provost and at the time the highest-ranking African American administrator in the university's history. In 2013, Lewis became the sixth president of The Andrew W. Mellon Foundation, where he reshaped key program areas and reaffirmed the Foundation's commitment to the humanities, the arts, and higher education. Lewis was elected a fellow of the American Academy of Arts and Sciences in 2008.

NADIA A. ROSENTHAL, Doctor of Science (SD)

Nadia Rosenthal, a researcher in mammalian molecular genetics, is scientific director at the Jackson Laboratory for Mammalian Genetics in Bar Harbor, Maine. In a career combining groundbreaking scholarship with a commitment to training future researchers, Rosenthal has explored the genetics of muscle and cardiac development and the role of growth factors, stem cells, and the immune system on tissue regeneration. She began college at the University of North Wales in the UK and graduated from Harvard University, where she earned a PhD in biochemistry. After teaching at Harvard Medical School and the Boston University School of Medicine, Rosenthal established the mouse biology program for the European Molecular Biology Laboratory (EMBL) in Rome. Remaining in her position at EMBL, she joined Imperial College in London as director of science for the Harwell Heart Science Center and chair of cardiovascular science in 2005 and established the Australian Regenerative Medicine Institute in 2007. Author or coauthor of nearly 200 articles and eight books or monographs, Rosenthal has served as editor of *The New England Journal of Medicine*, editor-in-chief of *Differentiation*, and founder editor of *Disease Models and Mechanisms*.

SIR PAUL M. RUDDOCK, Doctor of Humane Letters (LHD)

Sir Paul M. Ruddock, philanthropist and supporter of the arts, is cofounder of the investment

AFRICANA STUDIES

Honors

• f
Rendering the Invisible Visible: Narration of Black Women's Struggle against State Violence

• "This is N.Y.C. Not Little Rock": The Battle to Integrate New York City's Public Schools

• œ
Leadership from Within: Founders, Advocates, and Organizational Networks Operating in Maine's Immigrant Community

ART HISTORY

Honors

œ • f
Shaping Canons and Building Legacies: Collectors and the History of African American Art

ASIAN STUDIES

Honors

%o • —
The Case of the Disappearing Woman: Public Interest Litigation and Gender Equality in India's Supreme Court

f• • €

Comparison of Covalent Delivery Methods and Their Effects for Immune-Mediated Killing of *Helicobacter pylori*

œ • •

1-Amino-2-Naphthol "Super" Photoacid

, †
Small Molecule Inhibition of *Helicobacter pylori* Glycosylation

BIOLOGY

Honors

, •
Effects of Growth CO Concentration on *Brachypodium* Seed Nitrogen and Protein

‡
Regulatory Function of Highly Conserved Noncoding Elements in *Drosophila melanogaster*

•
Enriched Sediment Nitrogen, but Not Atmospheric CO₂, Results in Increased Stomatal Conductance in the Common Reed (*Phragmites australis*)

-
Tension Production and Sarcomere Length in Lobster (*Homarus americanus*) Cardiac Muscles: The Mechanisms Underlying Mechanical Anisotropy

• • 30

BIOCHEMISTRY

Honors

• •
Cell Adhesion in *Arabidopsis thaliana*

^ ,
Novel Sugar-Based Gold Inhibitors of *Helicobacter pylori*

• œ
Highly Conserved Noncoding Elements Regulate the Expression of a Protein-Coding Gene in *Drosophila melanogaster*

œ €
Investigating Binding Specificity of RNA-Binding Proteins in the Pathogenic Fungus *Candida albicans*

Identification of Neuropeptides Using Liquid Chromatography/Mass Spectrometry: An Evaluation of High-pH Fractionation Prior to Analysis

• €
Antimicrobial Peptides (AMPs) in the American Lobster,

GERMAN

Highest Honors

The Evolution of the Immigranten lm in Germany

, •
Avant-Garde Punk / Punk Avant-Garde: Historicization
of Dusseldorf Punk in Contemporary German Painting

GOVERNMENT AND LEGAL STUDIES

Highest Honors

Š •

APPOINTMENTS, PRIZES, AND AWARDS

COMMENCEMENT AWARDS

Goodwin Commencement Prize

Class of 1868 Prize

DeAlva Stanwood Alexander Prize

Asian Studies

Chinese Language Prize

, † f ^• 20

Japanese Language Prize

GENERAL SCHOLARSHIP AWARDS

Almon Goodwin Phi Beta Kappa Prize

• • • • • •

George Wood McArthur Prize

-

Leonard Pierce Memorial Prize

€ • •

Abraxas Award: The Winsor School, Boston,
Massachusetts

,• - • • f

DEPARTMENTAL PRIZES

Africana Studies

Lennox Book Prize

" • ... •

Art

Anne Bartlett Lewis Memorial Prize

Art History: f - ...

Visual Arts: • •

Art History Junior-Year Prize

, †• ,•

Art History Senior-Year Prize

• • 19, • •

‡ f 19• - 19

Richard P. Martel Jr. Memorial Prize

• f € 19

Non-Fiction Prize

• • • f

Poetry Prize

• • Š ^

Pray English Prize

• • Š ^ 19

Forbes Rickard Jr. Memorial Poetry Prize

• < ..

David Sewall Premium

Masque and Gown Student-Written One-Act Play

Prize

Best Performance EE •• •

Best Director Ž • •

Best Play

Quahog Bay Conservancy Marine Science Award EXTRACURRICULAR AWARDS

Œ • †

Riley Research Award

• • • € •
• • • •

Rusack Coastal Studies Fellowship

Ś • • • -
† • • € †
Œ • †

Jacob Jasper Stahl Summer Fellowship for the Study
of Mediterranean Antiquity

• • , ^Ž , Ž

Stahl Summer Research Fellowship

%o - •

Student Faculty Research Grant Fellowship

Œ - • •
• - † ...
† • , Œ , •
• “ • f •
• f • •
• ...
• f • • • € •
‡ •

Surdna Foundation Undergraduate Research
Fellowship

€ • •
• ^ •
• . •
• , “ • f • ,
f , • • • “ •
• • • •
• € •
• .
^ • • • ^ •
^ • • - ^ •

Kappa Psi Upsilon Environmental Justice
Fellowship

• •

Kappa Psi Upsilon Maine Based Fellowship

• • † •
• , •
f • , Œ •
• • • • %o
• • † •
• † • •

Kappa Psi Upsilon Sustainability Fellowship

‡ • • Œ •

Nellie C. Watterson Research Award in the Creative
and Performing Arts

f • Œ • • • „ •
€ †

€ „ , f „ ...

Paul Tiemer Men's Lacrosse Trophy •• • • •	Most Valuable Player Award Š • † •
Paul Tiemer Jr. Men's Lacrosse Trophy • •	Spirit Award - f • • • € • • OE • • • , † •
Nordic Skiing	Swimming
Polar Bear Award for Best Female Skier •	Charles Butt Swimming Trophy ,
Polar Bear Award for Best Male Skier • • OE • •	Robert B. Miller Swimming Trophy OE OE
Rugby (Women's)	Sandra Quinlan Potholm Swimming Trophy • „ • † † ...f •
Charlie Hews Spirit Award • • - OE	Track and Field
Betsy McDonald '08 Award ^ • €	Leslie A. Claff Track Trophy -
Most Valuable Player •• Š „ - Š • • - OE † , f • - • •	Bob and Jeannette Cross Award •
Outstanding First-Year Player •• Š • • • „ - Š • • OE •	Bob and Carl Geiger Award - •, •
Most Improved Player •• Š • „ - Š f % • ‡ •	Elmer Longley Hutchinson Memorial Trophy f •
Soccer	Major Andrew Morin Award •
The Bicknell Award •	Evelyn Pyun '02 Memorial Award • • •
The Unsung Hero Award • - •	Colonel Edward A. Ryan Women's Track and Field Award • • •
George Levine Memorial Soccer Trophy • -	Volleyball
Polar Bear Award f „ -	Coach's Award OE ,
Christian P. Potholm II Soccer Award • -	Defensive Player of the Year € ,
Softball	Offensive Player of the Year •• „ • •
Bowdoin Softball Achievement Award • Š †	Most Improved Player
Bowdoin Softball Team Award „ • • •	
Squash	
Reid Squash Trophy „ • € • • € • • OE •	

GRADUATE SCHOLARSHIPS AND FELLOWSHIPS

919 Fellowship Fund

Š • • •
^

Tom Cassidy Student Support

Œ •

Charles Carroll Everett Scholarship

• • •
• ‡ , f • ^ † „ •
• • , ~ €
• • • Ž • ‡ † Š €
• • • ‡

Garcelon and Merritt Scholarship

, „ •
• ^ „ †
Œ • † „ „ ^ † •
‡ † • •
• † ^ „ „ •
- • •
‡ , ‡

Dr. Ralph Fessenden Goodhue Fund

„ , € • ^

Timothy and Linn Hayes Scholarship

„ „ „ „ † , „ „ „
f ‡ † † • • , f • •
, • † •

Guy Charles Howard Scholarship

%o %o • † †
• „ „ • † •
f • - • † Š ‡
• •
† ‡ • • † ^ † Œ •
- † ^ Š • • •

George and Mary Knox Scholarship

• • „ € •
• • Š f • • •

Henry W. Longfellow Graduate Scholarship

, • ‡

Wilmot Brookings Mitchell Graduate
Scholarship

• Œ •
, l003 2 • w Gradua32 •373Tj /4 7281_1 1 Tf 11al439C. Mos99..7625 Tm (Henry W. Longfellow GraduTD (S

The formal academic attire that distinguishes faculty and graduates at academic ceremonies is a symbol at once vertical and horizontal. It stretches back into

RAISE SONGS TO BOWDOIN

Words by K. C. M. Sills, Class of 1901

New Lyrics by Anthony Antolini '63

Music by C. T. Burnett

Arranged by Thornton W. Allen

Raise songs to Bowdoin, praise her fame,
And sound abroad her glorious name;
To Bowdoin, Bowdoin li your song,
And may the music echo long
O'er whispering pines and campus fair
With sturdy might lling the air.
Bowdoin, om birth, our nurturer and iend
To thee we pledge our love again, again.

While now amid thy halls we stay
And breathe thy spirit day by day,
Oh may we thus full worthy be
To march in that proud company
Of poets, leaders and each one
Who brings thee fame by deeds well done.
Bowdoin, om birth, our nurturer and iend
To thee we pledge our love again, again.

