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COMMENCEMENT

Saturday, May 29, 2010



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HONORANDIS ATQVE REVERENDIS
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TOTI SENATVI ACADEMICO
ECCLESIARVM PASTORIBVS VENERANDIS
CVNCTIS DENIQVE VBIQVE GENTIVM HVMANITATIS FAVTORIBVS
HASCE EXERCITATIONES
IVVENES IN ARTIBVS INITIATI
HVMILLIMI DEDICANT



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DEGREES



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May it be good, felicitous, and well-omened:*

To John Baldacci, 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;



TWO HUNDRED FIFTH COMMENCEMENT OF BOWDOIN COLLEGE

May 29, 2010

COMMENCEMENT MARCH Chandler's Band

OPENING OF THE COMMENCEMENT EXERCISES

Jean M. Yarbrough

ar end r ro essor o ocial ciences
and Colle e arshal

INVOCATION

Rabbi Simeon J. Maslin

ast resident Central Con erence o . erican a is e or ed

THE STAR SPANGLED BANNER

S M B M , B , C C , C , C , L , M , M , U V , N Y M '10, iano

INTRODUCTORY REMARKS

P M. S '64 Chair o the Board o Trustees

FOR THE STATE

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WELCOME

B M resident o the Colle e

SENIOR COMMENCEMENT SPEAKERS

"Our House"

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"A World of Di erence"

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CONFERRING OF HONORARY DEGREES

B M

resident o the Colle e

Joan C. Countryman, Doctor of Humane Letters Citation by Susan E. Bell

ric, ree an roessor o ocial ciences

J. Taylor Crandall '76, Doctor of Humane Letters Citation by Paul N. Franco

ro essor o a ern ent

EVE MARDER, DOCTOR OF SCIENCE Citation by Patsy S. Dickinson osiah Little ro essor o atural ciences

MICHAEL S. McPherson, Doctor of Humane Letters Citation by John M. Fitzgerald illia hi, an roessoro cono ics

CONFERRING OF BACCALAUREATE DEGREES

DEDICATION

в М

resident o the Colle e

Α cono ics and athe atics inor, Teachin M A N inor Biolo rench С R Α n lish and anish W Z Classics and n lish W Κ D Α cono ics Ν M Α a ern ent and Le al tudies inor, rench Ν Α inor Che istr , nthro. olo Τ Ε Α athe atics and anish S Α . nthro, olo Ζ Α Α Bioche istr J Ε Α Biolo a ern ent and Le al tudies inor Τ W inor athe atics cono ics Ε R Α ent and Le al tudies inor, Teachin Н Α Α a ern ent and Le al tudies inor Theater F Α Α Che istr and o ance Lan ua es С Α Biolo R Α Α cono inor a ern ent and Le al tudies R Α Α Biolo inor Che istr Κ D Α athe atics inor usic В J L hiloso, h inor istor M В M Che istr athe atics inor В Κ a ern ent and Le al tudies inor, anish В M Α istor inor, Teachin C В M istor and istor inor, rench Ε D В er an inor cono ics C J В inor, Biolo s cholo M Α В a ern ent and Le al tudies inor M J В ender and o en's tudies inor, Biolo Κ В Bioche istr inor, Theater J В Ν nthro. olo S В M M Biolo and rench В Α Ι er an Т 0 В Classical, rchaeolo inor Theater В W Ε a ern ent and Le al tudies inor n lish R В inor athe atics cono Α В J inor, / isual . rts istor R M В euroscience inor rench В Α V a ern ent and Le al tudies Р В Т a ern ent and Le al tudies inor, ociolo Α В inor, talian Biolo Ε J В n lish and ℓ isual. rts Ε В M . rt istor and lisual. rts inor, rench Т R В |||Biolo Ε J В a ern ent and Le al tudies inor, anish L W В Latin . erican tudies n iron ental tudies M В J cono ics and n lish R M В Α tudent Asi ned ati e erican tudies W В . sian tudies and Co , uter cience

Chicago, Illinois West Bath, Maine Brunswick, Maine

Summit, New Jersey

Dover, Massachusetts

Bangor, Maine

Sag Harbor, New York

Scarborough, Maine
Little Rock, Arkansas
Kennebunk, Maine
Etna, New Hampshire
Los Angeles, California
Owings Mills, Maryland
West Hartford, Connecticut
Bangkok, Thailand
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J C M	В В D В H. В	eolo n iron ental tudies inor, athe atics ociolo inor, Teachin er an and usic	Minneapolis, Minnesota Columbus, Ohio Boulder, Colorado
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E C C A K P L Z J A S M R S L R D M J	K C E C C C N C F C M C C M C C M C C C C R C C C R C C C R C C R C C C R C C C C R C	Classical tudies inor Latin a ern ent and Le al tudies n iron ental tudies	Dunstable, Massachusetts Forest Hills, New York La Crescenta, California Brookline, Massachusetts Saint Petersburg, Florida Franklin Lakes, New Jersey Durham, Connecticut Houston, Texas Cape Elizabeth, Maine Fort Collins, Colorado Kensington, Maryland Byfield, Massachusetts Hunter, New York Dexter, Maine Ridgewood, New Jersey Manchester, Massachusetts Boston, Massachusetts Columbia, Missouri Philadelphia, Pennsylvania
M J A	S C A C C G	inor, rench rt istor a ern ent and Le al tudies a ern ent and Le al tudies and ociolo inor, Theater	Miami, Florida Freeport, Maine Boston, Massachusetts
C M	G C E C C C	cono ics and a ern ent and Le al tudies n lish inor, Teachin n lish	Washington, District of Columbia Westwood, Massachusetts Yardley, Pennsylvania
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Simsbury, Connecticut
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Oswego, New York
Ellington, Connecticut
Lynn, Massachusetts
Georgetown, Maine
Potomac, Maryland
Harvard, Massachusetts
Palo Alto, California
Toronto, Ontario, Canada
Westborough, Massachusetts

Mason, Ohio Safety Harbor, Florida Stoughton, Massachusetts Miami, Florida Wassenaar, The Netherlands Waltham, Massachusetts Boston, Massachusetts Hingham, Massachusetts Lansdale, Pennsylvania New York, New York Kenilworth, Illinois Saint Louis, Missouri Brooklyn, New York Monterey, California Columbia, Missouri Roanoke, Virginia Geneva, Switzerland San Francisco, California Short Hills, New Jersey

Pawtucket, Rhode Island Prairie Village, Kansas Lake Forest, Illinois Elkhart, Indiana Erdenheim, Pennsylvania South Windsor, Connecticut Dresden, Maine Delmar, New York Dickerson, Maryland Atlanta, Georgia Mars Hill, Maine Southwest Harbor, Maine Hamburg, Germany

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Ashland, Massachusetts Vacaville, California Weatoque, Connecticut Los Angel C O - eTa6 i otowd Psicut

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North Haven, Maine

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Glen Ellyn, Illinois Verona Island, Maine New Canaan, Connecticut Washington, District of Columbia Cape Elizabeth, Maine Needham, Massachusetts Birmingham, Alabama Lowell, Massachusetts Lowell, Massachusetts Liberty, Maine Snowmass Village, Colorado New York, New York Oakland, California Jenkintown, Pennsylvania Barrington, Rhode Island Scarsdale, New York Washington, District of Columbia Norwich, Connecticut Brooklandville, Maryland Hingham, Massachusetts

Mountain View, California

Coral Springs, Florida Bridgewater, Massachusetts Antioch, Illinois San Francisco, California New York, New York Northfield, Illinois Minneapolis, Minnesota Waccabuc, New York South Portland, Maine West Tisbury, Massachusetts Camden, Maine Burlington, Connecticut South Glastonbury, Connecticut Cabin John, Maryland Dover, Massachusetts Toronto, Ontario, Canada Los Angeles, California Concord, New Hampshire Minneapolis, Minnesota Duxbury, Massachusetts Woods Hole, Massachusetts Seoul, Republic of Korea Wayne, Maine

Winnetka, Illinois Concord, New Hampshire Paris, Maine Santa Monica, California Palo Alto, California New York, New York Centerport, New York Newburyport, Massachusetts

M	S S '	isual, rts	Aspen, Colorado
Т	S S	n lish	Londonderry, New Hampshire
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X S		. rt istor and \ell isual . rts	Wilmington, Delaware
J X		cono ics and s cholo	Singapore, Republic of Singapore
С	J S	usic inor, athe atics	Danvers, Massachusetts
J	S T	a ern ent and Le al tudies n iron ental tudies	Essex, Vermont
		inor, anish	
M	Z T	Biolo	Westport, Connecticut
T	P T	eolo inor rchaeolo	Swampscott, Massachusetts
j j	C T	cono ics and a ern ent and Le al tudies	Old Saybrook, Connecticut
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R		a ern ent and ociolo inor, istor	Boston, Massachusetts
A	J T	usic	Paiania, Greece
Α	С Т	. rt istor	Arlington, Virginia
S	А Т Ј.	n lish inor, cono ics	Lutherville, Maryland
L	E T	athe atics inor, ducation tudies	Scottsdale, Arizona
Α	E T	cono ics inor, rt istor	Lemoyne, Pennsylvania
Ν	Т	ociolo inor, nthro, olo	Newtown Square, Pennsylvania
N ·	Т Т	. nthro, olo	Fitchburg, Massachusetts
Р	T	cono ics and a ern ent and Le al tudies	Hingham, Massachusetts
Α	А Т	Biolo inor Che istr	Providence, Rhode Island
D	R T	o ance Lan ua es n iron ental tudies	Exeter, New Hampshire
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С	R T	euroscience and $m{\prime}$ isual .rts	Charlotte, North Carolina
Р	L T	. rt istor and , anish	Lakeville, Connecticut
Z	M K T	cono ics and athe atics	Lebanon, New Hampshire
Ε	Т	cono ics inor, Teachin	Taipei, Taiwan, Republic of China
J	T V V	h sics inor, anish	Canaan, Connecticut
Α	G B	Biolo	Shelter Island, New York
Ε	B V	ender and o en's tudies inor rench	Yarmouth, Maine
N	V	. nthro, olo inor, Che istr	Andover, Massachusetts
K	YV	Biolo and Classical tudies	Houston, Texas
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Т	R W	n lish	Grand Rapids, Michigan
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L	YW	n lish inor, istor	Lake Forest, California
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S	D W	Classics and n lish	Lexington, Massachusetts
S	M	istor	Starkville, Mississippi
J	D W W	n lish and eli ion	Cambridge, Massachusetts
ВБ	PF W	Co , uter cience and athe atics	Taipei, Taiwan, Republic of China
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Н	W	cono ics and a ern ent and Le al tudies	Sudbury, Massachusetts
K	J L W	cono ics inor, Biolo	Lexington, Massachusetts
E	T W	n lish	Berwyn, Pennsylvania
В	J W	cono ics and a ern ent and Le al tudies	Orleans, Massachusetts
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Α	F	W		n lish	Chevy Chase, Maryland
С	M		W	n lish inor, usic	Cody, Wyoming
С	Т		W	. rt istor inor, cono ics	Summit, New Jersey
С	R	W		euroscience inor , anish	Tolland, Connecticut
S	L	W		a ern ent and Le al tudies inor, anish	Irving, Texas
В	S	W		anish niron ental tudies	Chatham, New York
L	A W			athe atics	Denver, Colorado
Ν	M W			Bioche istr inor, n lish	Quincy, Massachusetts
С	E W			n lish and a ern ent and Le al tudies	Bethesda, Maryland
S	С	W		cono ics and a ern ent and Le al tudies	Pittsburgh, Pennsylvania
J	N. Y			Biolo	Boston, Massachusetts
Κ	Υ			cono ics inor, athe atics	Bu alo Grove, Illinois
М	Α	Н	Υ	a ern ent and Le al tudies	Cape Elizabeth, Maine
J	N Z	<u>Z</u>		. rt istor and lisual. rts	East Hampton, New York
Α	G Z	7	'II	usic inor, n lish	Bronx, New York
Κ	M	Ζ		Biolo inor, ociolo	Milford, Connecticut

HONORARY APPOINTMENTS

SUMMA CUM LAUDE

Chaiyaboot Ariyachet Maxime Jasmine Billick Tanya Farber RAYA ZAHAVA KATSH GABRY WILLIAM WRIGHT HAMELINE EMILY LOUISE NORTON Alexandra Lane Reed Hannah Kay Scheidt Rebecca Rose Schouvieller

MILLAN ALEXANDER ABINADER
INGRID ELIZABETH ALQUIST
ERIC ANTHONY ARDOLINO
CAITLIN MEEHYE BEACH
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JENNA EISMAN BREITER
MIKYO H. BUTLER
ERICA BAMARENA
ALEXANDRA NICOLE CHINIARA
LAUREL F

HONORANDS OF THE COMMENCEMENT

Joan C. Countryman, Doctor of Humane Letters (L.H.D.)

Joan C. Countryman has a long and distinguished career in education. A graduate of Sarah Lawrence College, with a master of urban studies degree om Yale University, she was a Fulbright fellow at the London School of Economics. She began her teaching career as coordinator of community schools in Philadelphia, and then was a lecturer and assistant dean of students at the University of Pennsylvania. From 1970 to 1993 she taught mathematics at the Germantown Friends School, where she was director of studies, director of independent studies, and assistant head. Countryman was head of the Lincoln School in Providence, Rhode Island, om 1993 until her retirement in 2005. She was drawn out of retirement to serve as interim head of Oprah Win ey's Leadership Academy for Girls in Johannesburg, South A ica, in 2006, followed by a one-year term as interim head of the Atlanta Girls' School. She has been a board member at Sarah Lawrence; the National Center for Independent School Renewal; Women and Infants Hospital; the National Coalition of Girls' Schools; and the Woodrow Wilson National Fellowship Foundation, among others. She is the author of ritin to Learn athe atics (1992) and Blac. a es in. erican Literature (1977).

J. TAYLOR CRANDALL '76, Doctor of Humane Letters (L.H.D.)

J. Taylor Crandall of the Bowdoin Class of 1976 and overseer of the College emeritus is managing partner at Oak Hill Capital Partners in California, a firm he joined in 1986. He is also chief operating o cer of Keystone, Inc., playing key roles in nearly all of the major transactions in which Keystone has invested. Prior to joining the firm, he was a vice president with First National Bank of Boston. Crandall has an extraordinary record of philanthropy and service at Bowdoin and beyond. Among his generous gi s to the College are four endowed professorships and an endowed scholarship. He was a member of the Board of Overseers om 1991 to 1997. From Maine to Texas and to California, he has given o en, generously, and anonymously in support of children's health, medical research, the arts, and education. He is the secretary-treasurer of the Anne T. and Robert M. Bass Foundation, and he has served as a trustee or board member for the Lucile Packard Foundation for Children's Health; the Cystic Fibrosis Foundation; the Park City Foundation; and the U.S. Ski and Snowboard Team Foundation.

EVE MARDER, Doctor of Science (Sc.D.)

Eve Marder is the Victor and Gwendolyn Beinfield Professor of Neuroscience in the biology department at Brandeis University and an internationally known researcher into the dynamics of small neuronal networks using the crustacean stomatogastric nervous system. Her work was instrumental in demonstrating that neuronal circuits are not "hard-wired," but can be reconfigured by neuromodulatory neurons and substances to produce a variety of outputs. Marder was chief editor of the <code>ournal o euro.h siolo</code> om 2002 to 2008 and served on the editorial boards of <code>h siolo ical & iews, ournal o euro iolo</code>, and <code>ournal o euroscience, among others.</code> She is a past president of the Society of Neuroscience, a member of the National Academy of Sciences, and a fellow in the American Academy of Arts and Sciences. She has received the Miriam Salpeter Memorial Award for Women in Neuroscience, the W. F. Gerard Prize om the Society for Neuroscience, the MERIT Award om the National Institutes of Health, and two Javits Neuroscience Investigator Awards. She earned a bachelor of arts degree at Brandeis and a doctorate at the University of California–San Diego.

MICHAEL S. M

HONORS IN MAJOR SUBJECTS

ANTHROPOLOGY

Honors

Katherine Sullivan Epstein Human Rights, the Cultural Defense, and Cultural Relativism: How Law and Anthropology Understand and Use "Culture"

Skye Oliver Lawrence Making Tattoos: Constructing Identity, Networks, and Social Structures among Artists and Collectors

CHARLES HOLTON WARREN
The 2007–2008 Post-Election Violence in Kenya:
Autochthony, Ethnic Cleansing, and the Politics of Identity

ALISON MARSHALL WEISBURGER Stitching Together the Evidence: The Role of Inughuit Women on the Crocker Land Expedition, 1913–1917

ART HISTORY

Honors

CAITLIN MEEHYE BEACH Envisioning an American Ideal: Masculinity and Traditional Work Ethic in George Bellows' Paintings of Maine Shipbuilding

Margaret Susannah Crosland "Objects of pre-eminence, dignity, and merit": The Limoges Painted Enamel Collection of Henry Clay Frick

BIOCHEMISTRY

Honors

Katharina Bilotti The Thermal and Photochemical Stabilities and the Excited Electronic States of Natural and Synthetic Polyenes

SHELBY HANNAH DAVIES
Targeted Functional Analysis of Fgf/Bmp Antagonistic
Signaling during Tooth Development in Anio rerio

ERICA EMILY EHRHARDT
The E ect of Myosuppressin on Nitric Oxide Feedback in the Heart of the Lobster, o arus a ericanus

Tenzing Tashi Sherpa Lama Characterization of $\ \ \, rd \ \ \, a$ in Zebrafish Tooth Development

Lauren Sandell Marshall
Analysis of Homolog Pairing in Aoso, hila elano aster Using

ADAM ALEXANDER TRACY
Enhancer Preference at the ellow Locus in soo, hila
elano aster

CHEMISTRY

Honors

ERIC ANTHONY ARDOLINO
Oxidation of Atmospherically Relevant Organic Aerosols and Related Phospholipids

MOHAMMAD MAMOUN BADER
Mechanisms of Cationic Amine Sorption to
Montmorillonite

ALEX EDWARD CARPENTER 8-Quinolyl-Tetramethylcyclopentadiene: A Tailored Ligand for Cobalt Catalysis

SARAH PALMER LUPPINO
Peptide Fragmentations in Mass Spectrometry: The Role of C-terminal Basic Amino Acid Residues

Ta-Hsuan Ong Characterization of Pyrolysis Oil: Fractionation and Analysis by GC/MS and MALDI-FTMS

CLASSICS

Highest Honors

Mary Hope Kelly Playing the Game: Genre, Metaphor, and Poetic Persona in Horace's _,istles 1 and Ovid's Tristia and _,istulae ex _onto

High Honors

ZARINE LAILA ALAM uror and the Inexplicable in Seneca's haedra and Theestes

COMPUTER SCIENCE

Honors

John William Burlinson Using Pheromones in a Swarm-Based Music Improvisation System

Mark Ralph McGranaghan FleetDB: A Main Memory Functional Database

Bob PoFang Wei An Investigation of Approximate Viewshed Algorithms on Regular Squo:j 11 $\frac{d}{d}$

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Honors

Aya Jennifer Sakaguchi L'indigénisme haïtien en littérature: Les exemples de Jacques Roumain et de René Depestre

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MATHEMATI	CS		
Honors			
K			

APPOINTMENTS, PRIZES, AND AWARDS

G d C e ce e P e LUKE JOHN MONDELLO'10 C a f 1868 P e JESSICA JUNG EUN SONG'10

DeAn a S. a d A e a de P. e

First Prize: Nathan Irving Isaacson '10

Second Prize: Michael James E

Nasa G d P e Mary Hope Kelly '10, K	
WIARY HOPE KELLY 10, K	
	_

La, A e, ca S, de P, e
Molly Anne Masterton '10

athe atics

Ed a d Sa f d Ha d Masse a c P e

KIMBERLY DANIELLE AYERS '10

S ,... Ma., e a, ca P., e Arseniy Sheydvasser '12, David Ariel Plotkin '11, Seth Isaac Glickman '10

usic

S, e W , c, e B, , e, M, c P, e Abriel Olivia Ferreira '10, Peter James McLaughlin '10

atural ciences

S. e I c ea e K ba P e CHAIYABOOT ARIYACHET '10 (BIOLOGY), JABON DAVID IMMERMAN '10 (PHYSICS)

euroscience

M. Ne. ce ce P. e MÆROPINF ROBERT BOWERS '10, CLAIRE RANKIN WILLIAMS '10

h sics

Ed He, be, Ha P, e P, c MICHELLE BURNS '12, DAVEN KARP '12

N e C. L $_{\text{SS}}$ e P $_{\text{T}}$ e $_{\text{T}}$ E $_{\text{T}}$ e $_{\text{S}}$ a P $_{\text{T}}$ $_{\text{C}}$ Matthew Palmer Kwan '10

Religion Physics N

W a H. M d, '56 A a d JOANNA ELIZABETH CALDWELL '10, RAYA ZAHAVA KATSH GABRY '10, WHITNEY ANNE GRASS

IOHN GORDON MORRISON 'II

G bb S, e Re ea c I e EDWIN BENNETT JOHNSON 'II, SCOTT ALDEN Longwell '12, Danielle Rae McAvoy '13, SEAN PATRICK McElroy '12, G. NATHANIEL MERRITT '11, NICHOLAS NEWHALL RIKER '12, CHASE BLACKSTONE TAYLOR '12, JOHN PHILIP WENDELL '11

G ba C e G a s

JAMILAH BANU GREGORY '11, BRYCE CAMERON LEDNAR '11, KATHRYN MARGARET LEIFHEIT '12, RUIQI TANG '13, SHEELA PHANSALKAR TURBEK '13

R be S. G de e d S. e I e . LINDA ESTHER KINSTLER '13, LEWIS SALAS '13, KATHRYN MARY SAVASUK '13

Pe, e, J. G., a a d Ma, G. O'C e Fac, .,/ S. de Re ea c. A a d

CAITLIN CHIEN CLERKIN 'II, COLIN LLOYD SLIKER MATTHEWS '10, YANDO P. PERALTA '11, SHIKHA MANOJBHAI SHETH 'II

H ad H, se Med ca I se se e EXROP Fe , 6, Andre Troy Walcott '12

H ad H. se Med ca I seese P bac S. e Fe SARAH PALMER LUPPINO '10, DEVIN FRANCIS WALSH '10

HadH, se Med ca I se se e e Fe

GILLIAN GRACE BAPTISTE 'II, JOHN ROGER BROTHERS 'II, Andrew Michael Calkins '11, Jillian Rachael CAMPBELL 'II, SARAH THOMPSON DALE 'II, BENJAMIN ROBERT DENTON-SCHNEIDER 'II, CONNOR MICHAEL GALLAGHER '12, LINNA GAO '12, JUNG GUN SONG '11, WILLIAM CHARLES STAFSTROM '12, CAITLIN JOYCE STRATTON '13, FLORENCE FENG SUN '11, VAN NHAT TRA '13, DANIEL YUAN '12

IDeA Ne. , fB ed ca Re ea c E ce e ce (INBRE) P bacca a ea e Fe CHAIYABOOT ARIYACHET '10, LUCAS EDWARD DELAHANTY '10, JEANETTE COUSINS GOLDWASER '10

IDeA Ne. , fB ed ca Re ea c E ce e ce (INBRE) S, e Fe

Stephen Henry Bayer '12, Michaela Rose Calnan '11, KATHERINE DUBOIS 'II, BRIAN GREGORY LOHOTSKY 'II, ALEXANDRA JOHANNA McLain 'II, Max M. J. NOWICKI 'II, CHRISTINA ROSE PINDAR '12, TIPPAPHA PISITHKUL '13, ROHIT BALKANT SANGAL '11

E, e, a S, de Ka a P U ,0 , Melissa Marie Anson 'II, James Alejandro ARTIGA-PURCELL 'II, KATHERINE MARGARET BLIZZARD 'II, Andrew Hollis Cushing '12, Russell William HALLIDAY 'II, ELENA MARIA KEAMY 'I2, Duncan Banbury Masland 'II, Cole Gilmore MERRICK 'II. LEAH YEN WANG '12. SCOTT FORBES WEBER '11

Ke I a d S. e Fe ELIZABETH KAY CHRISTIANSEN '12, SHEM SODERSTROM DIXON 'II, BRYANT C. DOSSMAN 'II, Iulia Erin Fiske '12, Elsbeth Kate Paige-Jeffers '10, ANNE ELIZABETH

Ahmad Hassan Muhammad '10, Rebecca Rose Schouvieller '10, Nadja Camille Shaw '12, Hannah MARIE STOKES 'II, MORGAN TAGGART-HAMPTON 'II, SHARON SWAIN ULERY 'II, CLAUDIA WILLIAMS 'II, Teona Mercedes Williams '12

Me, c'/A e, ca A, ca, f, se Ad a ce e f Sce ce Ga

AUDREY BLANCHE BERGERON '12, ANDREW MICHAEL CARDAMONE 'II, KENTIOBONG EDEM ESSIEN 'II, ABISHAG SURESH 'I2

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 $N_{,\circ}$, $T_{,\circ}$ e $G_{,\circ}$ a . Fatoumatta Kunjo '10, Scott Walter Ogden '10, BRIAN WARD POWERS '10

S., de , E , , ee f , e Yea ORONDE MALIK CRUGER 'II

Pa, A d e Wa e P e William Raleigh Jacob '10, Gemma Louisa Leghorn '10

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ACADEMIC APPAREL

The formal academic attire that distinguishes faculty and graduates at academic ceremonies is a symbol at once vertical and horizontal. It stretches back into history, to the roots of academic institutions, while at the same time it forms a bond of union among contemporary academic scholars.

The gown, cap, and hood, which would certainly seem quaint today if worn on our city streets, were originally the ordinary apparel of our medieval ancestors. The gowns varied in elegance according to the rank and wealth of the owners, and the hood had the practical function of being pulled over the head for warmth. Many of the medieval universities had strict rules on the subject; at Oxford, for example, the master of arts had to swear that he owned the dress prescribed for his degree and that he would wear it on all proper occasions. Undergraduates were required to wear their gowns whenever they appeared in the public street. A er the sixteenth century in Europe di erent styles prevailed, but the older style was retained for certain legal, o cial, clerical, and, especially, academic uses.

In America the gown has been used to some extent since colonial times. It was only in the late nineteenth century, however, that widespread interest—sparked perhaps by the observance in 1886 of the 250th anniversary of the founding of Harvard—brought about several developments. In 1887 an enterprising member of the graduating class of Williams College designed academic gowns for the graduates to wear at the Commencement ceremony. The garb was significant and dignified; it was both traditional and democratic; it answered a need, and it quickly became popular. In 1895 an intercollegiate code, standardizing

the design and the color of each part of the academic regalia, was accepted by nearly all American colleges and universities.

The gown is usually black, and the cut of the sleeves di ers for bachelors, masters, and doctors. In addition, the doctor's gown has panels of velvet (usually black) down the ont and on the sleeves.

The cap is generally black, with a tassel, which is either black or the color of the field of study; a doctor's may be gold. The most common style of cap is the Oxford "mortar board," with a square flat top, but some variations are permitted.

The hood is the most distinctive part of the costume. It is made of black and trimmed with velvet. Both the length of the hood and the width of the trim vary with the level of the degree, the doctor's being the longest and having the widest velvet border. The color of the velvet indicates the field of study in which the degree is earned: for example, white for arts and letters (bachelor of arts), dark blue for philosophy, brown for fine arts, golden yellow for science, scarlet for theology. The lining of the hood is the color and style of the university that confers the degree; these are all specified in the standard code of the American Council on Education. Bowdoin College's lining is white and green to symbolize the Bowdoin pines.

Whatever the degree or university, those who don the gown and hood symbolically take their places in



RAISE SONGS TO BOWDOIN

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usic C T Burnett
. rr Thornton . llen

Raise songs to Bowdoin, praise her fame,
And sound abroad her glorious name;
To Bowdoin, Bowdoin Ii your song,
And may the music echo long
O'er whispering pines and campus fair
With sturdy might filling 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.

