DEGREES

This ancient formula is used by the President in conferring degrees:

Candidati pro gradu baccalaureali, assurgite.

Vir honorande, hosce juvenes, quos censeo idoneos primum ad gradum in artibus, nunc tibi offero, ut a te instructus, eos ad gradum istum admittam. Placetne? (Placet.)

Pro auctoritate mihi commissa, admitto vos ad primum gradum in artibus, et dono et concedo omnia jura, privilegia, honores atque dignitates, ad gradum istum pertinentia.

In cujus testimonium hasce membranas litteris scriptas

ONE HUNDRED NINETY-NINTH COMMENCEMENT OF BOWDOIN COLLEGE

May 29, 2004

COMMENCEMENT MARCH

CHANDLER'S BAND

OPENING OF THE COMMENCEMENT EXERCISES

HELEN L. CAFFERTY
William R. Kenan, Jr., Professor of German
and the Humanities and College Marshal

INVOCATION

REV. DR. LARRY R. KALAJAINEN
Senior Minister, First Parish Church, Brunswick, Maine

THE STAR-SPANGLED BANNER

SENIOR MEMBERS OF BOCA, CHAMBER CHOIR, CHORUS, MISCELLANIA, THE MEDDIEBEMPSTERS AND URSUS VERSES CYRUS HEMENWAY MOULTON ÕO4piano

FOR THE STATE

THOMAS H. ALLEN Õ67
Congressman for the First District of Maine

WELCOME BARRY MILLS President of the College

SENIOR COMMENCEMENT SPEAKERS

Food for Thought
ALISON ASHLEY RAU Õ04
Class of 1868 Prize Winner

In This Time and in This Place
NORMAN JOEL MOSER Õ04
Goodwin Commencement Prize Winner

CONFERRING OF HONORARY DEGREES

BARRY MILLS President of the College

EAVAN BOLAND, DOCTOR OF LETTERS
Citation by Anthony E. Walton
Writer-in-Residence

OLE FRIEDER KERSTEN Õ05

PETER RAFAEL KHOURY
KHOA DANG KHUONG
SANIDA KIKIC
ESTHER BO HYE KIM
JONA KIM
ANDREW KING
ANGELA KRISTINE KING
JUSTIN MICHAEL KING
WILLIAM LATHROP KLEMM
HARI K

Hojoon Sohn Jessie GRANT AUSTIN WHITE
SADIE MADDEN WIESCHHOFF
JAMES MEAD WILKINS
TODD TYLER WILLIAMS
RICHARD WOOSTER WILSEY
EMILY L. WILSON
JOSEPH FRANKLIN WILSON ÕO2
MACIEK WOJDAKOWSKI
PATRICK CARLIN WOODCOCK
DAVID ANDREW WORKMAN
ELLIOTT SCOTT WRIGHT

DAVID JOHN YANKURA

Art History and English History; Minor: Education Biochemistry; Minor: English Government; Minor: Economics

Psychology

Bioethics; Minor: Women's Studies

German

Government and Romance Languages Government; Minor: Economics Biochemistry; Minor: Economics

History DEnvironmental Studies;

Minor: Biology

Chemistry; Minor: Biology

Charlottesville, Virginia
Brookline, Massachusetts
Medina, Ohio
Portland, Oregon
Darien, Connecticut
West Hartford, Connecticut
New York, New York
Melrose, Massachusetts
Hampden, Maine
Ipswich, Massachusetts
Kings Mountain, North Carolina

Upper Saint Clair, Pennsylvania

HONORARY APPOINTMENTS

SUMMA CUM LAUDE

JED WILLIAM ATKINS
LEAH JO BRESSACK
ERIC NICHOLAS CHAMBERS

ELSPETH LYNNELLE FAIMAN
WILLIAM LATHROP KLEMM
YELENA LUKATSKY

KATE WOODWARD MCCALMONT
JESSIETOVA SOLOMON -GREENBAUM
DAVID JOHN YANKURA

MAGNA CUM LAUDE

KATHERIN ANNE ADIKES
GREGORY STEPHEN BANGSER
JACOB ANDREW BRILL
ANA KATHERINE B. F. D. CONBOY
BARBARA FALK CONDLIFFE
ALISSA ANNIE CORDNER
ELIZABETH LISA DENBY
TODD A. H. GREENWOOD

JEFFREY KIYOSHI HOM
LAURA LOUISE HUTTON
ROBIN LOUISE JENSEN
CHRISTIAN DAVID JOHNSON
SHOSHANA MIRA KURILOFF
ELISABETH HEALD MCCAFFREY
NORMAN JOEL MOSER
ABIGAYL MEIRAV PERELMAN

JASON M CGRATH SALONY
STEPHAN BARRON SEABROOK
KYLE DAVID STALLER
LAURA LEE TATUM
CARA AIMEE LEE TOW
JAMES M EAD WILKINS
EMILY L. WILSON

CUM LAUDE

SARA C. ANDERSON **EMILY ANGELL** GILMAN CLOUGH BARNDOLLAR CHRISTINE ELIZABETH BEVACQUA EMILY SARA BLUM MICHAEL LEE BRENNAN TRAVIS MARTAY BRENNAN Raj Casper Õ05 SOMBOON CHIEWCHARNPIPAT PAIGE CONTRERAS-GOULD ASHBY BLAND CROWDER SUSAN MOANA CULLINEY ANJALI DHIR DOTSON CHRISTOPHER BURKE GASKILL CHRISTINE ANNE GOSS EMILY WALWORTH GRASON

NATALIE ROSE HANDEL LAURA GEYER HEINRICH JOHN PATRICK HERNANDEZ KAREN ANNA JACOBSON AMY ELIZABETH JENKINS IVAN ALEXANDER LUCUK RYAN ARTHUR MALLOY ALIZA THEODORA MARKS ELIZTAICHA LESLIE MARRERO TIMOTHY ROBERT MATHIEN ALLISON LEIGH MILLD MICAH ISRAEL MILLER JOHANNA RUTH MORRISON CONOR MOGAN O'K EEFE JORDAN PARMAN CATHERINE AUSTIN PRICE 003

THOMAS MURPHY RICCIARDI

JAY FREDERICK RILINGER

MARK THOMAS ROBERTS

EMILY ROSE SCOTT

MICHAL RANIT SHAPIRO

CHELSEA ELIZABETH SPEC9 T R(3.6Tj -0..62089 323.6329

PHI BETA KAPPA

KATHERIN ANNE ADIKES
JED WILLIAM ATKINS
GREGORYSTEPHEN BANGSER
EMILY SARA BLUM
LEAH JO BRESSACK
JACOB ANDREW BRILL
RAJ CASPERÕO5
ERIC NICHOLAS CHAMBERS
ANA KATHERINE B. F. D. CONBOY
BARBARA FALK C

HONORANDS OF THE 2004 COMMENCEMENT

EAVAN BOLAND DOCTOR OF LETTERS

A native of Ireland and author of sixteen books, Eavan Boland has been described as Ireland's preeminent female poet. Coming from a poetic and literary tradition in which women are often passive subjects and symbols of the oppression of the Irish, Boland has given active voice to women through her writings. Her books of poetry include Against Love Poems (2001) The Lost Land (1998), An Origin Like Water: Collected Poems 1967-1987 (1996), In a Time of Violence (1994), Outside History: Selected Poems 1980-1990 (1990), The Journey and Other Poems (1986), Night Feed (1982), and In Her Own Image (1980). Boland is the recipient of the John Frederick Nims Award (2002), the International Poetry Centre Award (1997), the Lannan Award for Poetry and the Ireland-American Literature Award (both 1994), three Pushcart Prizes (1988, 1992, 1996), three Poetry Book Society Choices (1986, 1990, 1994), and the 1983 Award of the Irish-American Cultural Foundation, among many other honors. She received a B.A. from Trinity College in Dublin in 1966 and received the Irish Arts Macaulay Fellowship in 1967.

RICHARD GOLDSTONE DOCTOR OF LAWS

Former South African Constitutional Court Justice Richard Goldstone is a champion of international justice and human rights, and is the world's first international war crimes prosecutor. He served as a justice of the South African Constitutional Court from 1994 to 2003. A longtime opponent of apartheid in South Africa, Justice Goldstone served from 1991 to 1994 as chair of the Commission of Inquiry Regarding the Prevention of Public Violence and Intimidation in South Africa, which became known as the Goldstone Commission. He served as the chief prosecutor of the United Nations International Criminal Tribunals for the former Yugoslavia and Rwanda, chaired a group of international experts that drafted a Declaration of Human Duties and Responsibilities for the director general of UNESCO, and chaired the international independent inquiry on Kosovo. In December 2001 he was appointed co-chair of the International Task Force on Terrorism established by the International Bar Association.

Goldstone received his law degree from the University of the Witwatersrand in Johannesburg, South Africa, in 1962. He is the author of On Humanity, a memoir of his efforts on behalf of human rights.

SHULAMIT RAN DOCTOR OF MUSIC

Composer, pianist, and educator Shulamit Ran won the 1991 Pulitzer Prize for the work Symphony. A native of Israel, she studied piano and composition in the U.S. on scholarships from the Mannes College of Music in New York and the America Israel Cultural

Foundation. She has been a member of the University of Chicago faculty since 1973. Ran has been awarded most major honors given to composers in the U.S., including two fel-

BIOLOGY (CONTINUED)

ANJALI DHIR DOTSON Regulation of WAK Gene Expression in Arabidopsis thaliana

CHRISTINA LYNN FURICK
Virtual Reality as a Bioinformatics Tool, a
Solution to a Developmental Biology Problem: A
Novel Method for Organizing and Visualizing
Temporal, Spatial Genomic Information

EMILY WALWORTH GRASON Influence of an Invasive Bryozoan onOnchidoris muricata Prey Selection in the Gulf of Maine

BRADLEY ROBERT GRAUSTEIN
No Evidence of Positive Selection on the
Sperm Transmembrane Proteirspe-9in
Caenorhabditis remanei

JULIANA MAY GRINVALSKY
Plant Community Dynamics in Merrymeeting Bay

KATHERINE FRANCES IRVING
Effects of Elevated Carbon Dioxide on Carbon
Sequestration in Mineral Soil

ANGELA LEIGH SENESE
The Hydrodynamics of Schooling Behavior in the
Marsh Killifish, Fundulus heteroclitis

LELA STANLEY
Host-Specific Genetic Differentiation in Eastern
Dwarf Mistletoe

SAMUEL GORDON TERRY
Growth and Photosynthesis in Arabidopsis
thaliana Mutants with Different Capacities for
Energy Dissipation

EVANGELINE PRINCE WHITE
Thylakoid Associated Kinases and Light
Harvesting in Arabidopsis thaliana

CHEMISTRY

Honors
BRIAN JAMES GRANDJEAN
Excited State Interactions of a Luminescent
Platinum(II) Dimer with Trivalent Lanthanoid
Ions in Aqueous Solution

MARK THOMAS ROBERTS
The Impact of Elevated Atmospheric CO₂
OTSONT

PAIGE CONTRERAS-GOULD

Queering Intimacies: The Sexual Narrative in

Hanif KureishiÕs Fiction

ELAINE DOROTHY JOHANSON Wing Anatomy

ENGLISH AND THEATER

Honors

AARON ROSSGILBERT STANSBURY HESS

ARON ROSSGILBERT STANSBURY HESS

ÒA Proper SubjectÓ Ñ History, Chorus, and the KingÕs Interior inHenry V

ENVIRONMENTAL STUDIES

Honors

RYAN ANN MOLONEY DAVIS

No Common Ground: Management, Politics, and

Compromise in the Gulf of Maine

SARAH JENNINGS FICK

Scientific and Educational Approaches to Invasive

Species: A Case Study on the Soft-Shell Clam in

Maine

ALISON ASHLEY RAU

Public Values on Private Lands: Conservation Easements in Maine and Wildlife Conservation

Leases in Kenya

FRENCH

Honors

RAYMOND THOMAS FINN III La Peste en France aux XVI et XVII si•cles: maladie ou mŽtaphore?

GEOLOGY

Honors

DANIEL MOORE ABRAHAM

A Radiochemical Tracer Study of Submarine

GOVERNMENT (CONTINUED)

Honors
LAURA GEYER HEINRICH

ÒWith Liberty and Justice for AllÓ: Realities and Limitations in United StatesÕ Liberal Democratic Nation-Building

INA HOXHA -ZALOSHNJA
In Search of Civil Society: National Unity and the
Challenge of Democracy in Turkey

AMY ELIZABETH JENKINS

Common Foreign and Security Policy in the

European Union: Theory, Practice, and Prospects

James Morrison Mecone Bias and Effectiveness of Divorce and Unmarried Parental Rights Mediation in Maine

PATRICK AVERY ROCKEFELLER
Public Diplomacy in the Arab World: Using Soft
Power in the War on Terror

 $\begin{array}{lll} \text{Hardin Parisher Rowley} \\ \text{American Synthesis: Rights, Interests, and the Social r i} \end{array}$

JENNIFER WILSON SCANGOS

Sexual and Seasonal Differences in Vasotocin Effects

on Social Behavior in Goldfish (Carassius auratu);

Physics

Highest Honors WILLIAM LATHROP KLEMM A Matrix Model Approach to the Calculation of Wilson Loops in SU(2) Gauge Theory

PSYCHOLOGY

Honors

ELISABETH MENDEL GRUENBERG Young Children Os Understanding of the Distinction Between Biological and Nonbiological Growth

ABIGAYI MEIRAV PERELMAN Should a Spider Take an Aspirin? The Developmental of a Folk Biopsychology in Children

Ff MARGARITA VIVAS SERRALLS Development of the Ability to Distinguish between Comprehension, Memory, and Attention

RELIGION

High Honors ELIZABETH LISA DENBY The Many Facets of Acculturation among Contemporary American Buddhists

DANIEL BENJAMIN SUPERIOR TOBIN Karma and Ritual: Reorienting the Study of Buddhist Religious Culture in Sri Lanka

RUSSIAN

High Honors ERIC NICHOLAS CHAMBERS The Mankurt and the Broken Sword: Nationalism and National Identity in Soviet and Post-Soviet Central Asian Literature

SOCIOLOGY

Honors

NICOLE AMIE CETERSKI

The Complex Nature of Korean Adoption and Its Implications about Race and Family in the United States

ALISSA ANNIE CORDNER

Identity Presentation and Performance in the Autobiographies of W. E. B. DuBois

MARYA KATHRYN WASHBURN Dissolution of an Iceberg: The Effects of the Pinochet Dictatorship on Chilean Collective Memory

SPANISH

Honors

JUSTIN CONRAD CLARKE

Imaginar El campo: Visiones sobre el paisaje latinoamericano en Sarmiento y Carpentier

SHOSHANA MIRA KURILOFF

Harm: A Translation of Andrea MaturanaOs El Da-o, with an Introduction to the Novel and the Problems Involved in Its Translation

STUDENT-DESIGNED MAJOR IN ITALIAN STUDIES

High Honors CHRISTOPHER JAMES OOLEARY

Il Purgatorio Dantesco come Viaggio verso la Redenzione attraverso IÕAmore

VISUAL ARTS

Honors

JASON PALMER HAFLER

Combining Uniqueness, Functionality, and

Aesthetics: A Ceramic Journey

Women @ Studies

Honors
BARBARA FALK CONDLIFFE
Liberating the Student Subject: The Possibility of a Feminist Pedagogy

MARA KRESSIN GANDAL You See Us as You Want to See Us: Feminist Film Theory and 1980s Teenpics

JULEAH ANN SWANSON
Mediating Luxury and Culture: An Ethnographic
Study on the Tension between Retail Tourism and
Culture in Guam as Seen through the Lives of
Working Chamorro Women

APPOINTMENTS, PRIZES, AND AWARDS

COMMENCEMENT AWARDS

Goodwin Commencement Norizaean Joel Moser Õ04 Class of 1868 Prazeson Ashley Rau Õ04 DeAlva Stanwood Alexander Prize: First Prize Hanique Brown Õ04 Second Prize Lison Leigh Milld Õ04

GENERAL SCHOLARSHIP PRIZES

Brooks-Nixon Prizemes Mead Wilkins Õ04 Almon Goodwin Phi Beta Kappa Prize: William Campbell Root Awayrd: LANN PHILLIPS Õ04

U.S. Chemical Rubber Company Freshr Parn Auxa Stunder Samuel Õ07, Ehan B. Van Arnam Õ07

U.S. Chemical Rubber Company Laborators NAWAR STERLING TORRANCE 007

CLASSICS

Hannibal Hamlin Emery Latin Prize:

Government and Legal Studies
Philo Sherman Bennett Jeriz Marillam Atkins Õ04
Jefferson Davis Awarder W

Russian

Russian Prizeric Nicholas Chambers Õ04

THEATER AND DANCE

Bowdoin Dance Group Annatudh Kareemah Bashir Õ04, Natalie Rose Handel Õ04
Abraham Goldberg Põizeglas Fernald Hayes Õ04, Aaron Ross Gilbert Stansbury Hess Õ04
Alice Merrill Mitchell Paixex Katherine B. F. D. Conboy Õ04, Natalie Rose Handel Õ04,
Peter Rafael Khoury Õ04

William H. Moody Õ56 (Prize: Andrew Dieck Õ04, Mily Walworth Grason Õ04, Douglas Fernald Hayes Õ04, Catherine Schuyler Showalter Õ04, Rank James Skornia Õ04 George H. Quinby AWardhew Benjamin Herzfeld Õ07, Richel Elizabeth Leahy Õ07

FACULTY PRIZE

Sydney B. Karofsky Prize for Juniokraffiacualts Alber, Assistant Professor of Romance Languages

UNDERGRADUATE STUDENT RESEARCH AWARDS

James Stacy Coles Summer Research F@Hawsstsipt Ashley Õ05, Andrew C. Berical Õ05, Adam W. Caldwell Õ06, Qristopher Robert Cashman Õ07, Tmothy James Cashman Õ07, Amber Schreiner Davis Õ06, dhn Mackenzie Haines Õ05, Imma Florence Leonard Õ05, Marie T. MasseÕ06, Tapan Hiten Mehta Õ05, Imma Sterling Torrance Õ07, Alissa Ashley Waite Õ05

Martha Reed Coles Undergraduate Research Frekkownship: Theresa Farrell Õ05

Henry L. and Grace Doherty Charitable Foundation Coastal Studies NResearch Awards Õ05,

Daniel Adam Hall Õ05, Oven F. McKenna Õ07, Giristopher William Proctor Õ05,

Heather Lynne Provencher Õ05, Peter Benjamin Stranges Õ05, Ratsirin Supcharoen Õ06

Freeman Fellowships for Student Researd In Nine As Mai aler Bensen Õ06, Brandon Joseph Bouchard Õ07, Riscilla Tien Hui Chan Õrd Charle W. Chang Õ02, Strah Hari Damerville Õ06,

Robert John DIM atteo Õ07, Anh H

Howard Hughes Medical Institute Summer Fletstownship Berger Õ05, Andrew F. Combs Õ06, Catherine Amalia Del Vecchio Õ05, Roth Anne Jacobson Õ06, Rose Randall Kent Õ06, Stephen L. Mallon Õ05, Camden H. Ramsay Õ05, Etangeline Prince White Õ04, Hearie Jane Wilson Õ06, Sen S. Wong Õ05

Fritz C. A. Koelln Research Felsawashipma Theresa

ATHLETIC AWARDS

Academic Achievement Award for Moonen Mira Kuriloff Õ04 Academic Achievement Award for Moonen Mira Kuriloff Õ04 Community Service Award for Woonen: Plarker

LACROSSE

Mortimer F. LaPointe MenÕs Lacrossad Ediphtianyon Jones Õ04
Paul Tiemer MenÕs Lacrossad Ediphtianyon Andrasko Õ04
Paul Tiemer III MenÕs Lacrossad Ediphtianyon Branson Õ04, Goffrey John Cole Õ04
Ellen Tiemer WomenÕs Lacrossad Ediphtianyon King Õ04

Ν

GRADUATE SCHOLARSHIPS AND FELLOWSHIPS*

Tom Cassidy Student Support Flund Wihbey Õ98 Charles Carroll Everett Schol Arship: Bland Crowder Õ04

- Sherman David Spector, of the Class of 1950, Fellowship for Graduate Study in History and Teaching: Kanisorn Wongsrichanalai Õ03
- E. K. Van Swearingen Fund Schollarsbirps A. Bragg Õ98, Melissa W. Braveman Õ99, Sarah Kohnstamm Õ96, Qristopher A. Molvar Õ98, Ran A. Naujoks Õ98, Michelle A. Rotter Õ97, Eic M. SuessÕ98, David E. Young Õ00 Nathan Webb Research Schollarshijks: Giles Õ94, Qe Frieder Kersten Õ05, Einnifer L. Malia Õ99

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. After the sixteenth century in Europe different styles prevailed, but the older style was retained for certain legal, official, 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 \tilde{N} sparked perhaps by the observance in 1886 of the 250th anniversary of the founding of Harvard \tilde{N} 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 differs for bachelors, masters, and doctors. In addition, the doctor's gown has panels of velvet (usually black) down the front 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 Òmortar board,Ó 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 received: 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 the long procession of scholars who have pursued truth and learning and passed it on to others. The consciousness of that fellowship is at once a reward for past efforts and an inspiration for the future.

Hood Border Colors Indicating Fields of Learning

Agriculture	Maize	Medicine	Green
Arts, Letters, Humanities	White	Music	Pink
Commerce, Accountancy,		Oratory (Speech)	Silver Gray
Business	Drab	Philosophy	Dark Blue
Dentistry	Lilac	Physical Education	Sage Green
Economics	Copper	Public Administration,	
Education	Light Blue	including Foreign Service	Peacock Blue
Engineering	Orange	Public Health	Salmon Pink
Fine Arts, including		Science	Golden Yellow
Architecture	Brown	Social Work	Citron
Forestry	Russet		
Journalism	Crimson		
Law	Purple		

RAISE SONGS TO BOWDOIN

Words by K.C.M. Sills, Class of 1901 New Lyrics by Anthony Antolini Õ63 Music by C.T. Burnett Arr. by Thornton W. Allen

Raise songs to Bowdoin, praise her fame, And sound abroad her glorious name; To Bowdoin, Bowdoin lift your song, And may the music echo long OÕer whispering pines and campus fair With sturdy might filling the air. Bowdoin, from birth, our nurturer and friend 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, from birth, our nurturer and friend
To thee we pledge our love again, again.

