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University of Maine One Hundred and Thirty Fourth Commencement, Friday, August 16, 1968

University of Maine

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Special Program of Degrees Awarded

UNIVERSITY COLLECTION

University of Maine
One Hundred and Thirty-fourth
Commencement
Friday, August 16
1968

Memorial Gymnasium

Orono

7:45 P.M.

THE STAR-SPANGLED BANNER

Oh, say, can you see,
By the dawn's early light
What so proudly we hail'd
At the twilight's last gleaming?
Whose broad stripes and bright stars
Thro' the perilous fight
O'er the ramparts we watched,
Were so gallantly streaming?
And the rockets' red glare,
The bombs bursting in air,
Gave proof thro' the night
That our flag was still there.
Oh, say does that
Star-spangled banner yet wave
O'er the land of the free
And the home of the brave?

Program

Presiding: WINTHROP C. LIBBY
Acting President, University of Maine

Prelude—Meditation *Cundick*

Processional—Gaudeamus *Rowley*

The National Anthem *Key-Smith*

Prayer
THE REVEREND JOHN W. PICKERING
Director, Maine Christian
Association

Address—Tributaries in
Search of the Main Stream
MARK R. SHEDD
Superintendent of Schools
Philadelphia, Pennsylvania

Presentation of Honorary
Award and
Degree Recipients
LAWRENCE M. CUTLER, M.D.
Chairman,
Board of Trustees

Charge to Graduates

Conferring of Degrees

Stein Song *Fenstad—arr. by Sprague*

Recessional—Trumpet Tune *Purcell*

Organist: Alice L. Mummé

*University Marshals: Assoc. Prof. Claude Z. Westfall
Prof. Eugene A. Mawhinney*

Head Usher: Prof. David W. Trafford

Official Program of Degrees Awarded

COLLEGE OF ARTS AND SCIENCES

Candidates for the degree of

BACHELOR OF ARTS

Presented by Dean John J. Nolde

IN ENGLISH

DEBORAH ANDERSON BARKER.....	Portland
BARBARA MARKS CHANDLER.....	Lawrence, Mass.
PENNY ANNE DAVIS.....	Westbrook
THOMAS CUSHMAN DINSMORE.....	Palermo
ANN MARIE DOIRON.....	Madison
JEANNE CARTER ELDERKIN.....	Old Town
VERNON KERRY INMAN.....	Old Town
SHARON LAURA IRISH.....	Dexter
ANNE HASTINGS JOHNSON.....	Old Town
SUSAN WINSLOW SCULLY.....	Cape Elizabeth
IAN JAMES STEWART.....	Bangor
LINDA FOWLER VITALE.....	Albion
PETER JONATHAN WIGLEY.....	Saco

IN HISTORY

GARY GRANT BAGLEY, <i>With High Distinction</i>	Bucksport
ANN CUSHING COHEN, <i>With High Distinction</i>	Parsippany, N. J.
CONNIE JEAN CROSS.....	Bangor
ARTHUR ERVIN DEMMONS.....	Skowhegan
KRISTI LEE HAMILTON.....	Newport
EDSON TRAVERS SMITH.....	Portland

IN HISTORY AND GOVERNMENT

BARBARA LONGFELLOW THOMPSON.....	Columbia, Missouri
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IN INTERNATIONAL AFFAIRS

PETER BULKELEY THOMAS.....	Wiscasset
----------------------------	-----------

IN JOURNALISM

MARGARET ROSE O'BRIEN.....	West Hempstead, N. Y.
----------------------------	-----------------------

IN MATHEMATICS

LINDA PARKER MCINTIRE.....	Brattleboro, Vt.
----------------------------	------------------

IN POLITICAL SCIENCE

DONALD ROBERT GREGORY.....	Owls Head
DANIEL JAMES MCGRATH.....	Brownville

IN PSYCHOLOGY

CHARLES RICHARD ANDREWS	Augusta
JOHN EDWARD BASSETT	South Windham
EDWARD FRANCIS FARWELL, JR.	Bangor

IN ROMANCE LANGUAGES

PRISCILLA ELIZABETH PAGE, <i>With Distinction</i>	Braintree, Mass.
---	------------------

IN SOCIOLOGY

FRANCIS ERNEST AMOROSO	Portland
EARLYNE MAY BLACKSTONE	Brunswick
PAULA DELANO CAMPBELL, <i>With Distinction</i>	Atlanta, Ga.
SHIRLEY ANN CHASE	Livermore
HARLAND IRISH HASEY	Falmouth
DAVID MARSHALL SEABURY	Yarmouth
REED BRENUM THOMPSON, <i>With Distinction</i>	Brewer
CAROL SMITH WHITTIER	Orono

IN ZOOLOGY

RICHARD DOUGLAS CLARK	Bangor
LOUIS ALFRED DUNLAP, JR.	South Portland
SHANN MARIE GILLESPIE, <i>With Highest Distinction</i>	Orono
JACQUELINE PARADIS MICK	Frenchville

COLLEGE OF BUSINESS ADMINISTRATION

Candidates for the degree of

BACHELOR OF SCIENCE

Presented by Assistant Dean Merrill D. Barilett

IN BUSINESS ADMINISTRATION

CHARLES NOYES LOVELAND, III	Cumberland Foreside
GLORIA KORB MARCHILLI	Portland
KENNETH ALLAN NIZNIK	Brewer
THEODORE JAMES PEMBERTON	Portland
CHARLES HOWARD SMITH, JR.	Freeport

COLLEGE OF EDUCATION

Candidates for the degree of

BACHELOR OF SCIENCE IN EDUCATION

Presented by Dean Mark R. Shibles

LEONA DAKIN BATES, <i>With High Distinction</i>	North Monmouth
FLORENCE MARBLE BEAULIER	Harmony
BARBARA PHILBROOK BEESLEY	Westbrook

CEDRIC NATHAN BERRY, <i>With Highest Distinction</i>	Thorndike
ELEANOR WILBUR BROOKS	Ellsworth
ROLANDE CAPEN CAMERON	Danville
ALAN CORNELIUS CHANDLER	Newfoundland, N. J.
WILLIAM EDWARDS CHARTE	Yarmouth
ARBINE SMITH CHENEVERT	Cape Elizabeth
RUTH M. SARGENT CLARK	Sullivan
MARGUERITE YVETTE CLOUTIER	Sabattus
DEBORAH ALBERTA CONLEY	Portland
EARL CLIFTON COOMBS, JR.	Rockland
ELAINE CORLISS	Ocean Park
JEROME EDWARD DEVLIN	Westbrook
CHARLOTTE KNIGHT DUMAIS	Gardner
SALLY ELIZABETH FALES	Augusta
JUDITH ARLENE GLEASON	Fort Fairfield
MARY STOCKBRIDGE GLIDDEN	Rockland
LAWRENCE PETER GODSOE	Bangor
LOUISE LAPOINTE GRANT, <i>With High Distinction</i>	South Portland
MADLYN DAGGETT GRASS	Fairfield
VIRGINIA PICKERING GROSS	Bucksport
JOSEPHINE STEWART HARTFORD	Gorham
STEPHEN PAUL HARVEY	Bangor
EMILY PICKERING HASKELL	Brunswick
KATHRYN FARRIS HILL	Northeast Harbor
WILMA SMITH JACKSON	Wolfeboro, N. H.
MARGARET CROZIER JOWDRY	Plymouth, Mass.
FRANCES ROWE LODGE	Hebron
ABIGAIL RANDALL LUMSDEN, <i>With Distinction</i>	Bridgton
ARLENE MACMILLAN MCCLAIN	Millinocket
JUDITH LEIGHTON MADDOX	Cumberland Center
ESTHER STAPLES MAIR	Auburn
LOUISE SAVAGE MOORE	Grand Lake Stream
JAMES VANCE NEITHERCUT	Saco
ELEANOR TOWER NORRIS	Ellsworth
JACQUELINE SEREYKO PAGE, <i>With High Distinction</i>	Bangor
THELMA BROWN PARSONS	Rockland
NANCY LACY PRATT	Bath
BETSY WOOSTER ROBSON	Yarmouth
PAULYN MILLER ROSENTHAL	Auburn
LESLIE JEAN SANBORN	Cape Elizabeth
KEITH LEWIS SAVAGE	Portland
JOSEPHINE MARIE SCALA	Lewiston
SHIRLEY ANDERSON SJOSTEDT, <i>With Distinction</i>	Stockholm
LYDIA INGRAM SMITH	Houlton
LYDA GIFFORD STEEN	Sherman Station
GERTRUDE ANN STEVENS	Brewer
WILMA BROWN STEVENS	Milford
Robert George Tripp	Falmouth

MARION BARBOUR TAYLOR	Newport
WILLIAM PRESTON THOMBS	Portland
AUDREY NELSON TINKHAM	Bath
HELEN ROGERS TREAT	Randolph
JEFFREY DANIEL TRECARTIN	Westbrook
JEAN SHANKS WELCH	Millinocket
VIRGINIA FRENCH WILBUR	Franklin
MARJORIE CRAVER WILKINSON	Laconia, N. H.
CATHRYNE NUTTER WOOD	Winterport

COLLEGE OF LIFE SCIENCES AND AGRICULTURE

Candidates for the degree of

ASSOCIATE IN APPLIED SCIENCE

Presented by Dean Bruce R. Poulton

IN MERCHANDISING

JEANNETTE ARSENAULT	Dixfield
EDITH MAURIE PETERS	Wiscasset

BACHELOR OF SCIENCE

IN AGRICULTURAL BUSINESS AND ECONOMICS

RICHARD BILLINGS HANSON	Brewer
RALPH WALTER TITCOMB	Abbott

IN AGRICULTURAL ENGINEERING

ROBERT HENRY PRICE	Thorndike
--------------------	-----------

IN ANIMAL SCIENCES

MIRIAM ULBRICH KELLER	Palermo
-----------------------	---------

IN BIOCHEMISTRY

EDWARD PHILIP AMES	Orono
--------------------	-------

IN FORESTRY

ROBERT LEE BERKHEIMER	Thomasville, Pa.
ANTHONY FILAURO	Long Island City, N. Y.
ROBERT ALEC GIFFEN, <i>With High Distinction</i>	Cohasset, Mass.
LEON WESLEY STEVENS, JR.	South Windham

COLLEGE OF TECHNOLOGY

Candidates for the degree of

BACHELOR OF SCIENCE

Presented by Dean Richard C. Hill

IN CIVIL ENGINEERING

LOUIS FREDERICK CAMPBELL, *With High Distinction* Dover-Foxcroft
HAROLD LAFOREST EMERSON, III Island Falls
RICHARD DAVID FOX Athens

IN ENGINEERING PHYSICS

ERNEST ROWELL JACKSON Farmington

IN ELECTRICAL ENGINEERING

JONGILIZWE HAROLD SOBANTU Bulawayo, Rhodesia

IN MECHANICAL ENGINEERING

RAYNOLD ROLAND BARD Madawaska
PETER NORMAN THOMPSON Kittery

CERTIFICATE IN FIVE-YEAR COURSE IN PULP AND PAPER

MANAGEMENT OPTION

ROBERT LEE BERKHEIMER Thomasville, Pa.

CANDIDATES FOR ADVANCED DEGREES

Presented by Dean Franklin P. Eggert

MASTER OF ARTS

IN ENGLISH

MAJOR T. BENTON, JR. (B.A., University of Richmond, 1964) Orono
Title of Thesis: Thoreau and the Indians
AILEEN DUFFY CARROLL (B.S. in Ed., Maine, 1965) Portland
Title of Thesis: Gentle Rebel: Elizabeth Oakes Smith
PETER LEIGHTON GREEN (B.A., Bates, 1962) Wiscasset
Title of Thesis: The Male Adolescent in
American Literature
JAMES CUDHEA YOUNG (B.A., B.Ed., St. Francis Xavier, 1953, 1955) Sydney, N. S.
Title of Thesis: Louisbourg, Nova Scotia, in
Historical Fact and Fiction

IN FRENCH

- ROSALD MURRAY BURGESS (B.A., B.Ed., Acadia, 1954, 1956) Old Barns, N. S.
Title of Thesis: Allusions to Art in the Novels of Andre Malraux
NANCY ABBOTT THOMPSON (B.A., Smith, 1939) Portland
Title of Thesis: The Role of Nature in Giono's *Regain*

IN HISTORY

- THOMAS LEO GAFFNEY (B.A., Maine, 1962) Kittery
Title of Thesis: A Study of Maine Elections, 1930-1936
MURPHY ALAN RICHARDSON (B.A., South Dakota, 1966) Madison, S. D.
Title of Thesis: The Aesthetic Motivation
Behind Anatole France's Commitment to the
Dreyfus Affair: Keeping the Real Unreal

IN MATHEMATICS

- ARTHUR CHARLES HELLTHALER, JR. (B.S., Belknap, 1966) Ardsley, N. Y.
Title of Thesis: A New Matrix Product
with Applications in Geometry
JUNE MARSHA PARKER (B.A., Maine, 1964) Kittery
Title of Thesis: Some Methods of Deriving
Hyperbolic Trigonometry

IN PSYCHOLOGY

- ROBERT GEORGE CROCE (B.A., University of Vermont, 1966) Veazie
Title of Thesis: Personal Preferences and Inter-
personal Perceptions as Correlated with
the Aesthetic Value
ROGER OLIN GINN (B.A., Maine, 1966) Portland
Title of Thesis: Inter-Related Effects of Repression-
Sensitization and Social Desirability on Verbal
Conditioning Using Verbal and Nonverbal
Reinforcement
ROBERT FRANCIS GRIPP (B.A., Maryland, 1963) Bangor
Title of Thesis: The Effects of Extraneous
Stimuli on the Extinction of a Discriminated
Shock-Avoidance Response

IN SOCIOLOGY

- JERRY DELMAS CARDWELL (B.A., Alabama, 1967) Birmingham, Ala.
Title of Thesis: The Relationship Between
Religious Commitment and Premarital Sexual
Permissiveness: A Five Dimensional Analysis
GARY PETER CASTANINO (B.A., Suffolk, 1967) Old Town
Title of Thesis: Occupational Aspirations
and Expectations of High School Youth

- GEORGE DEWEY EVANS (B.A., Brandon, 1967)Orono
 Title of Thesis: Occupational Choice, Expectations, Commitment, Values and Orientations of Nursing Students
- RICHARD HERBERT MACDONALD (B.A., William Penn College, 1966)Belmont, Mass.
 Title of Thesis: Educational Aspirations and Expectations of High School Students in the State of Maine
- JACQUELINE ANNE NOEL (B.A., Emmanuel College, 1966)Canton, N. Y.
 Title of Thesis: Professionalism and Job Satisfaction of Physicians: A Comparative Study
- PAUL MICHAEL PETRIE (B.A., Maine, 1967)Old Town
 Title of Thesis: Initiation to Disengagement: A Study of the Aged in Two Maine Communities

IN SPEECH

- PHILIP EDWARD HAYES (B.S., Loyola, 1966)Chicago, Ill.
 Title of Thesis: An Analysis of the Use of Comedy in Bertolt Brecht's *A Man's A Man*

MASTER OF ARTS IN TEACHING

- JOELLYN COHEN (B.A., Syracuse, 1967)Bangor
- CHERYL KOTTLER GRAY (A.B., Centre College, 1967)Garden City, N. Y.
- DIANNE PATRICIA HALL (B.S., Maine, 1967)Gorham
- JUDITH ANN HERBST (B.S., DePauw, 1967)Richmond, Ind.
- ANN JOYCE HERRICK (B.A., Maine, 1967)Haverhill, Mass.
- ALAN EUGENE JAFFE (B.S. in Ed., Lyndon State, 1966)Worcester, Mass.
- BARBARA CECELIA MANUEL (B.Mus., New England Conservatory of Music, 1953)Nabnasset, Mass.
- CATHERINE SCOTT-CRAIG NEWELL (B.A., Vassar, 1966)Bethel
- ROBERT ADRIAN SMITH, JR. (B.S. in Ed., Aroostook State, 1967)Augusta

MASTER OF BUSINESS ADMINISTRATION

- OWEN HARTLEIGH BRIDGHAM (B.S., Boston University, 1952)Bangor
- LAWRENCE DANIEL GRIFFIN (B.A., St. Anselm's, 1964)Waterville
- ROBERT LAWRENCE JENSEN, JR. (B.S., Nasson, 1967)Scarboro
- GILBERT EDWARD LAVALLEE (B.S., University of Rhode Island, 1963)Bangor

MASTER OF EDUCATION

- WALTER ALLISON, JR. (B.A., Hobart, 1951)Falmouth
- DAVID MERTON AMES (B.S. in Ed., Maine, 1967)Camden
- NANCY RUTH AMES (B.S. in Ed., Gorham, 1964)Freeport
- ARTHUR ANDERSON, JR. (B.A., Dartmouth, 1955)Bridgton
- ARTHUR MORRILL ANDREWS (B.S., Washington State, 1959)Camden
- MABEL ESTES ANDREWS (B.S. in Ed., Towson College, 1943)Bel Air, Md.

PAULINE TURCOTTE APPLIN (B.S. in Ed., Maine, 1964) West Buxton
 AMY BEGERT ASHTON (B.S., St. Joseph's, 1955) Lewiston
 RUTH JUDKINS BAILEY (B.A., Maine, 1952) Rangeley
 RALPH CLINTON BAXTER, SR. (B.S. in Ed., Maine, 1953) Bangor
 PAUL ANTHONY BELLAVANCE (B.S. in Ed., Gorham State, 1963) Saco
 SUE CHENEY BELLAVANCE (B.S. in Ed., Gorham State, 1963) Saco
 MILDRED LANE BICKFORD (B.S. in Ed., Maine, 1960) Auburn
 CARLYN SMITH BISCOE (B.A., Maine, 1959) Turner
 WILLIAM BARKER BLODGETT (B.S. in Ed., Maine, 1958) Waldoboro
 LORRAINE LIBBY BOWDOIN (B.S., Gorham State, 1959) East Vassalboro
 RONALD COOMBS BOYNTON (B.S. in Ed., Maine, 1959) East Millinocket
 IVAN EARL BRAUN, JR. (B.S. in Ed., Maine, 1967) Mt. Desert
 LEONARD KNOWLES BROOKS (B.S. in Ed., Farmington State, 1958) North Leeds
 DAVID WESLEY BROWN (B.S. in Ed., Maine, 1964) Conway, N. H.
 RICHARD IRVING BRYANT (B.S. in Ed., Maine 1958) Brewer
 MERLE RICHARD BUCKNELL (B.S. in Ed., Gorham Sate, 1964) Brownfield
 LOUIS ALBERT BURTT (B.S. in Ed., Aroostook State, 1959) Bridgewater
 WANDA LOU CALLAHAN (B.S. in Ed., Farmington State, 1964) Lincolnville
 ALAN ROYCE CAMPBELL (B.S., Maine, 1960) Sherman Mills
 BEULAH LORRAINE CAREY (B.S., Norfolk Div., Virginia
 State, 1963) Portsmouth, Va.
 RACHEL PAULETTE CARRIER (B.S. in Ed., Washington State, 1967) Lewiston
 MICHAEL EDMOND CASEY (B.S., Maine, 1963) Brewer
 ROBERT DANIEL CAUME (B.A., B.Ed., St. Francis Xavier,
 1961, 1962) Reserve Mines, Cape Breton, N. S.
 GILBERT LESLIE CHASE (B.A., Maine, 1965) Suitland, Md.
 ERVINE HENRY CHURCHILL (B.S. in Ed., Aroostook State, 1961) Caribou
 MARIE ANN CIARALDI (B.S., State College at Lowell, 1963) Lawrence, Mass.
 NANCY RANDALL CLARK (B.S., Husson, 1962) Freeport
 VESTA ANN COGSWELL (B.S. in Ed., Aroostook State, 1959) Fort Fairfield
 JOAN FEAR COLLINS (B.S., Newark State, 1956) Wyckoff, N. J.
 JOSEPH PATRICK CONROY (B.A., St. Francis Xavier, 1957) South Portland
 ISABELLE ELIZABETH CORMIER (B.A., St. Joseph, 1961, B.Ped.,
 St. Louis, 1962) Edmundston, N. B.
 SHARON MARIE CORT (B.S. in Ed., Maine, 1967) Brewer
 DANA RODERICK COTY (B.S. in Ed., Aroostook State, 1965) Lisbon Falls
 BRIANE EDWARD COULTHARD (B.S., Gorham State, 1962) West Scarboro
 MARY GERALDEAN CRICHTON (B.S. in Ed., Aroostook State, 1965) Mars Hill
 MARY SITEMAN CRUISE (B.A., St. Joseph's, 1940) Portland
 JOAN LOUISE DENTON (B.S., Gordon College, 1960) Orono
 PAUL FREDERICK DINSMORE (B.S. in Bus. Ed., Husson, 1964) Malone, N. Y.
 RICHARD ALFRED DUFRESNE (B.S. in Ed., Maine, 1966) Brewer
 DONALD STANLEY DUMOND (B.S. in Ed., Maine, 1960) Fort Kent
 DOROTHY MORRILL DUNTON (B.A., New Hampshire, 1941) Auburn
 DONALD LOUIS DUPLESSIE (B.S. in Ed., Gorham State, 1961) Old Town
 PETER FRANK DYCK (B.Sc., McGill, 1948) Lachine, Que.
 GEORGIANNA KAYE ELLIS (B.S. in Ed., Maine, 1964) Kenduskeag

EILEEN MARCH FERNALD (B.A., Maine, 1964) Sunnyvale, Calif.
 WILLIAM LEO FINDLEN (B.S., Maine, 1950) Fort Fairfield
 BRIAN GEORGE FLYNN (A.B., Bates, 1957) Westbrook
 EDWARD FRANCIS FLYNN (B.S. in Ed., Washington State, 1956) . . Rumford Center
 BARBARA JOAN FRASER (B.S., Cornell, 1956) Turner
 KENNETH PAUL GAREY (B.A., St. Francis Xavier, 1965) Bangor
 JOHN LYMAN GATCOMBE (B.S. in Ed., Gorham State, 1957) Waldoboro
 MARY FARNSWORTH GILLIS (B.S. in Ed., Maine, 1955) North Windham
 VICTOR GODBOUT (B.S., B.Ed., Bathhurst, 1959, 1961) Grand Falls, N. B.
 ANN PRESCOTT GOOGINS (B.S., Boston University, 1961) Scarboro
 AURORA LEGERE GOULD (B.S. in Ed., Farmington State, 1959) Westbrook
 PATRICK THOMAS GREELEY (B.S., Boston University, 1952) Portland
 DAVID JOHN GREENIER (B.Ed., Plymouth State, 1966) Caribou
 IRENE ALICE GRONDIN (B.S.E., St. Joseph's, 1956) Chisholm
 CLYDE JUNIOR HADEN (B.S., Boston University, 1954) Bath
 ELLEN VARNEY HALL (B.S. in Ed., Farmington State, 1962) Freeport
 ELIZABETH POOLE HANNA (B.S. in Ed., Maine, 1963) New Harbor
 RODNEY PHILIP HATCH (B.A., Maine, 1963) Wells
 ANDREW JOHNSTON HAYWARD (B.S., Philadelphia College of
 Textiles and Sciences, 1962) Orono
 NANCY BROWN HERLAN (B.S., Northwestern, 1954) Orono
 BLAIR RICHARD HIGGINS (B.S. in Ed., Gorham State, 1955) Bangor
 MICHAEL JAMES HOCTOR (B.S. in Ed., Maine, 1967) Orono
 MICHAEL LLOYD HODGES (B.S. in Ed., Maine, 1967) Laconia, N. H.
 CAROLE ANN HOPFSES (B.A., Maine, 1967) Falmouth
 CONSTANCE CURNRYN HOLDEN (B.A., Brandeis, 1965) Jackman Station
 DONALD WAYNE HOLMSTROM (B.S. in Ed., Maine, 1965) Waterville
 ELIZABETH FRANCES HONAN (B.S. in Com. Ed., Maine, 1942) South Portland
 PAUL SUTHERLAND HURLBURT, JR. (B.S. in Ed., Farmington State, 1961) . . Camden
 BLAINE HENRY JACK (B.S., Husson, 1957) Sanford
 RONALD WILFRID JEAN (B.S. in Ed., Maine, 1963) Lewiston
 RODRIC CARL JOHNSON (B.S. in Ed., Maine, 1959) Brewer
 NORMAN ELDON KEEFE (B.S. in Ed., Aroostook State, 1962) Sedgwick
 MARK FRANCIS KEEGAN (B.S. in Ed., Washington State, 1963) Gardiner
 CAROLYN COOPER KELLEY (B.S. in Ed., State College of
 Framingham, 1963) Oakland
 JAMES BOUCHARD KELLEY (B.S. in Ed., Washington State, 1964) Brewer
 VIRGINIA MCGUIRE KENNEY (B.A., College of New Rochelle, 1935) Stonington
 JAMES JOSEPH LABOSSIERE (B.A., Maine, 1962) Old Town
 ROBERT RICHARD LACASSE (B.S., Farmington State, 1951) Millinocket
 MARTHA ANN LATNO (B.S. in Ed., Maine, 1965) Bradley
 JANET HANNA LEBLANC (B.A., Maine, 1953) Newport
 ROBERT BRUCE LOMBARD (B.A., Colby, 1966) Orono
 GEORGE CLIFFORD LYONS (B.A., St. Francis Xavier, 1955) Portland
 VIOLET TOBIN MCCORMICK (B.S. in Ed., Maine, 1964) North Whitefield
 GORDON FRANCIS MACDONALD (B.A., B.Ed., St. Francis Xavier,
 1965) Middleton, N. S.

SHELDON MALCOLM MACDONALD (B.Ed., Mt. Allison, 1960) Glace Bay, N. S.
 MYRNA FLEWELLING MCGAFFIN (B.A., Maine, 1962) Presque Isle
 ROBERT ARCHIE MACKENZIE (B.A., B.Ed., St. Francis Xavier, 1958,
 1959) Schefferville, Que.
 RICHARD DOUGLAS McLAUGHLIN (B.S. in Ed., Washington State, 1953) Machias
 ESTELLA WATERMAN McLEAN (B.S., Boston University, 1954) Farmington
 VERNA LILLIAN McLELLAN (B.A., St. Joseph's, 1954) Fairfield
 KARLENE GRAHAM MAHANEY (B.S., Maine, 1955) Boothbay Harbor
 KEITH COLBY MAHANEY (B.S., Maine, 1957) Boothbay Harbor
 STANLEY KENNETH MATHIEU (B.A., Colby, 1957; M.A., Maine, 1965) Waterville
 DONNA CAROLYN MAXWELL (B.A., Boston University, 1964) Farmington
 BRYCE ANTHONY MELDRUM (B.S. in Ed., Farmington State, 1958) Auburn
 MARGARET DOW MELGARD (B.A., Grinnell, 1938) Farmingdale
 THELMA PREBLE MERRITT (B.S. in Ed., Aroostook State, 1963) Presque Isle
 GUY ROLAND MICHAUD (B.S. in Ed., Aroostook State, 1962) Van Buren
 MARC EMILE MICHAUD (B.S. in Ed., Fort Kent State, 1964) Fort Kent
 GEORGE HENRY MILLAY (B.S., Maine, 1944, 1948) Bowdoinham
 ROBERT JOSEPH MONTERIO (B.A., St. Francis Xavier, 1959) Scarborough
 CYNTHIA MERRILL MORGAN (B.S., Nasson, 1938) Hollis Center
 ARTHUR NICHOLSON, III (B.A., Maine, 1967) Methuen, Mass.
 LOWELL GARY OSGOOD (B.S., Fort Kent State, 1967) Carroll
 ROBERT ALLAN PARADIS (B.S. in Ed., Fort Kent State, 1967) Old Town
 THERESE E. POITRAS (B.A., St. Joseph's, 1967) Old Town
 ANN EVELYN POULIN (B.A., St. Joseph's, 1962) Lewiston
 LAWRENCE EARL POULIN (B.S. in Ed., Maine, 1950) Ellsworth
 JAMES ALBERT QUINE (B.S., Maine, 1960) Bangor
 ALICE ROPER REAGAN (B.A., Mt. St. Mary, 1964) Portland
 HENRY HOWARD RICHARDS, JR. (B.S., Maine, 1962) Portland
 EUGENE LESLIE RICHARDSON (B.S. in Ed., Gorham State, 1962) Norway
 JANE ACKLEY RICHARDSON (B.S., Acadia, 1951) Westville, N. S.
 MERTON EUGENE RICKER (A.B., Bates, 1955) Lisbon Falls
 BEATRICE ESTELLE ROBENSON (B.A., St. Joseph's, 1939) Portland
 KENNETH MERRIMAN ROBERTS (B.S. in Ed., Gorham State,
 1962) Cumberland Center
 HERBERT FREDERICK ROBINSON (B.S. in Ed., Aroostook State, 1964) Bucksport
 ROBERT TOWSE ROBINSON (B.S. in Ed., Washington State, 1962) Old Town
 SHERWOOD DEAN ROBINSON (B.S. in Bus. Ed., Husson, 1962) Riverhead, N. Y.
 THOMAS MOZART ROBINSON (B.A., Stanford, 1960) Bangor
 BERNARD RICHARD ROSS (B.S. in Ed., Maine, 1958) Fort Kent
 CLARICE GRANT RUBIN (B.A., Maine, 1936) Bangor
 ELAINE GRACE SAWYER (B.A., Trinity, 1956) Portland
 PAUL JAMES SHANLEY, JR. (B.A., Maine, 1959) Bangor
 DALE EDWARD SINCLAIR (B.S. in Ed., Maine, 1962) Gorham
 DOROTHY HARTZ SIRLES (B.S. in Com. Ed., Maine, 1946) Lubec
 HELEN AGNES SMALL (B.S., St. Joseph's, 1963) Brunswick
 CARLITA MARIS SMITH (B.S., Gordon College, 1957) Waterboro
 EDWIN RICHARD SMITH (B.S. in Ed., Gorham State, 1958) Hollis Center

DALE GORDON SOLLOWS (B.A., B.Ed., Acadia, 1966, 1967)	Kingston, N. S.
MYRTLE WALTON SPENCER (B.S. in Ed., Maine, 1963)	Caribou
ROGER ALTON SPRAGUE (B.S. in Ed., Maine, 1957)	Belfast
CHARLES MONTAGUE SUMNER, JR. (A.B., Bowdoin, 1960)	Milbridge
CHARLES LAUCLAN TOWNE (B.S. in Ed., Gorham State, 1958)	Kennebunk
HARRY GARLAND TRUE (B.S., Gorham State, 1953)	Fryeburg
MARCIA ROLLINS TRUE (B.S. in Ed., Farmington State, 1944)	Portland
DONALD ALLEN VACHON (B.S., Husson, 1962)	Belfast
GORDON THOMAS VALTON (B.S. in Ed., Maine, 1961)	Shelburne Falls, Mass.
JAMES VANITES (B.A., Maine, 1951)	Biddeford
MARCIEANN KENNEDY WEINBEL (B.S., Stroudsburg State, 1952)	Waterville
CLARICE WINSLOW WELD (B.A., Colby, 1940)	Saco
DEAN PHILLIPS WELLS (B.S., Maine, 1962)	Dixfield
FREDERIC WENDALL WEST (B.S. in Ed., Maine, 1967)	Biddeford
PETER EDWARD WHITE (B.A., New Hampshire, 1954)	Bangor
VIOLA DAMBOISE WILLARD (B.S. in Ed., Aroostook State, 1956)	Caribou
LEE HENRY WYMAN (B.S. in Ed., Fort Kent State, 1961)	Caribou
LEWIS AEGAN WYMAN (B.S., Aroostook State, 1957)	Waterville
DORIS BRAY YORE (B.S., Gorham State, 1959)	Bath

MASTER OF LIBRARY SERVICE

PRISCILLA EMERY BISSELL (B.S., New Hampshire, 1940)	Brewer
SISTER VIVIAN BOND (B.S.E., College of Our Lady of Mercy, 1953; M.Ed., Maine, 1960)	Frenchville
MARTHA MARY LOZIER (B.S. in Ed., Gorham State, 1953)	Millinocket
PERSIS BARNFIELD MESSER (B.S. in Ed., M.Ed., Maine, 1960, 1964)	Veazie
CATHERINE LAVIN TIBBETTS (B.A., St. Joseph's, 1964)	Bangor

MASTER OF SCIENCE

IN AGRICULTURAL ENGINEERING

NEAL DAVID HALLEE (B.S., Maine, 1966)	Waterville
Title of Thesis: The Aerodynamic Characteristics of Potatoes and Associated Soil Materials	
HAYDEN MAYO SOULE, JR. (B.S., Maine, 1960)	Orono
Title of Thesis: An Experimental Investigation of the Aerodynamic Properties of Maine Wild Lowbush Blueberries	

IN AGRONOMY

JAMES GREGORY BOCKHEIM (B.S., Maine, 1966)	Granville, Mich.
Title of Thesis: Vegetational Transition and Soil Morphogenesis on Saddleback Mountain, Western Maine	
KENNETH GEORGE STRATTON (B.S., Maine, 1965)	Old Town
Title of Thesis: Soil Properties as Related to Selected Stand Characteristics of Balsam Fir in Northwestern Maine	

IN ANIMAL SCIENCES

- CONY ELLIS CHURCH (B.S., Maine, 1964) Augusta
Title of Thesis: A Study of the Relative
Nutritive Values of Summer Annual Grasses
and Alfalfa Fed as Green-Chopped Forages
to Ruminants

IN BIOCHEMISTRY

- ROBERT PRESCOTT SPALDING (B.S., Maine, 1966) Cape Elizabeth
Title of Thesis: Influences of Vitamin D
and Essential Fatty Acids on Some Aspects
of Bone Composition

IN CHEMISTRY

- FRANCOIS ARTHUR LAVALLE (B.A., Maine, 1966) Winslow
Title of Thesis: Reactions of Silicon-Group-V
Compounds with Selected Covalent Halides

IN CIVIL ENGINEERING

- DIRK ROLAND BRUNNER (B.S., Clarkson, 1966) Orono
Title of Thesis: Virus Inactivation with Phos-
phate Removal in a Tertiary Wastewater Treat-
ment Process
- WALTER ROBERT KEATING (B.S., University of Massachusetts,
1967) Arvada, Colorado
Title of Thesis: A Runoff Model for a
Composite Urban Area
- THOMAS LOW LOTHROP (B.S., Maine, 1966) North Plainfield, N. J.
Title of Thesis: High Level Inactivation of
Viruses in Wastewater by Chlorination
- WESLEY AYER NASH (B.S., Maine, 1966) Millinocket
Title of Thesis: Ultimate Strength Design Aids
- CLIFFORD ARNOLD SHARPE (B.S., Maine, 1966) Orono
Title of Thesis: Water Quality Degradation by Wood
Bark Pollutants

IN EDUCATION

- LILLETTE CAMILLE CHAREST (B.S. in Ed., Maine, 1965) Lewiston
Title of Thesis: A Study of the Effect
of Participation in Selected Activities
on Agility, Balance, Flexibility and
Strength

IN ELECTRICAL ENGINEERING

- THOMAS GENE BRYANT (B.S., Maine, 1966) Rockland
Title of Thesis: An Investigation of the
Characteristic Impedances of Microstrip
Transmission Lines
- NUGGEHALLI GUJJEGOWDA GOPALSWAMY (B.Eng., University of
Mysore, 1964) Mysore, India
Title of Thesis: Performance Analysis of a
Three-Phase, Squirrel-Cage Induction Motor
with Stator Windings Connected Open-Delta
to a Constant Balanced Voltage Source
- DOUGLAS ALSTON MAKINEN (B.S., Maine, 1959) South Thomaston
Title of Thesis: Design of a System for
Remote Pollution Related Measurements of
an Estuary

IN FORESTRY

- ALLEN MARQUIS BRACKLEY (B.S., Maine, 1966) Strong
Title of Thesis: An Investigation of the
Yield of Rotary-Cut Veneer and Plywood from
Eastern Spruce under Selected Conditions
of Manufacture
- BERNARD WARREN CARR (B.S., Michigan Technological Institute,
1966) Munising, Mich.
Title of Thesis: Reforestation of a Burn
in Eastern Maine by Direct Seeding White
Spruce
- JOHN BRADLEY CURRIER (B.S., Maine, 1966) Portland
Title of Thesis: Comparative Infiltration
Rates of the Soil Under Spruce-Fir, Birch-
Maple, and Grass Covers as Influenced by
Surface Litter
- CHARLES EDWARD MILMINE (B.A., Brown, 1962, B.S., University of
Michigan, 1966) Harrington
Title of Thesis: A Descriptive Technique
for Information Dissemination on Timber
Harvesting Systems
- DAVID WENDELL TABER (B.S., Maine, 1961) Tunkhannock, Pa.
Title of Thesis: An Investigation Into
the Feasibility of Manufacturing and
Marketing Eastern Spruce Plywood in the
Northeast

IN HOME ECONOMICS

- JULIA CALDWELL COWAN (B.S., Maine, 1966)..... Old Town
 Title of Thesis: A Comparison of the
 Nutrition, Food Habits and Physical
 Status of Prekindergarten Children
 from Two Different Socioeconomic Groups
- ELIZABETH SMITH MARKS (B.S., Farmington State, 1953)..... Farmington
 Title of Thesis: A Proposal for a
 Course in Family Life Education for
 the Secondary Schools in Maine

IN PHYSICS

- FRANK FREDERICK DORAN (B.A., University of Connecticut, 1963)..... Lubec
 Title of Thesis: A Study of Light Propagation
 in Turbulent Air

IN PULP AND PAPER TECHNOLOGY

- ALBERT WILLIAM BOEHNER (B.S., Maine, 1967)..... Dover, Del.
 Title of Thesis: A Comparison of the Anatomical
 and Pulping Properties of Trembling Aspen (*Pop-
 ulus Tremoloides*) and Hybrid Poplar (*Populus
 Maximowiczii X Populus Berolinensis*)
 Joint thesis with PETER AUGUST CUMMINGS
- ERIC ROBERT BROWN (B.S., Michigan Technological Institute, 1966).... Orrington
 Title of Thesis: H - Factor - Liquor
 Composition Relationships in Kraft Pulping
- BARRY WAYNE CROUSE (B.S., Rutgers, 1967)..... Old Town
 Title of Thesis: An Investigation of the
 Correlation Between Optical and Physical
 Properties of Coated Papers
- PETER AUGUST CUMMINGS (B.S., Maine, 1968)..... South Paris
 Title of Thesis: A Comparison of the Anatomical
 and Pulping Properties of Trembling Aspen (*Pop-
 ulus Tremoloides*) and Hybrid Poplar (*Populus
 Maximowiczii X Populus Berolinensis*)
 Joint Thesis with ALBERT WILLIAM BOEHNER
- ALLAN ROBERT ESTCOURT (B. Eng., University of Canterbury,
 1963)..... Tokorao, New Zealand
 Title of Thesis: The Measurement of Charge
 Response of Powders Exposed to Ion Bombardment
- JOHN ARTHUR HITCHMAN (B.A., Moorhead State, 1965)..... Clarkson, Ont.
 Title of Thesis: A Study of Caliper Growth
 of Paper Board as Manufactured on a Twin-Wire
 Machine
- THOMAS LUTHER TUTTLE (B.A., Maine, 1960)..... Foxboro, Mass.
 Title of Thesis: Paper Machine Calendar
 Vibration, Its Simulation and Elimination

IN WILDLIFE MANAGEMENT

RONALD DEAN KLATASKE (B.S., Kansas State University, 1966) . . . Greenleaf, Kansas
Title of Thesis: An Evaluation of Deer Census
Techniques, and the Physical Condition of Deer
on Isle au Haut

IN ZOOLOGY

ROBERT CRAIG BULLOCK (B.S., Gordon College, 1966) Durham, N. H.
Title of Thesis: The Fasciolarid Genera
Latirus, *Dolicholatirus*, and *Teralatirus*
(Mollusca: Gastropoda), in the Western
Atlantic

GARY RAYMOND DUNN (B.A., Gettysburg, 1966) Oak Ridge, Tenn.
Title of Thesis: Determination of Sex of
Teratomas Derived from Segmenting Mouse Ova

DEAN PETER EVENSON (B.S., Wagner, 1966) Staten Island, N. Y.
Title of Thesis: Biosynthetic Rate Changes in
Euglena Gracilis Grown with Autotrophic and
Heterotrophic Nutrition

ROBERT EDMUND GOODE (B.A., Maine, 1966) South Portland
Title of Thesis: A Comparative Study of
Two Populations of Brook Trout

JAY SCOTT KROUSE (B.S., Pennsylvania State, 1964) West Southport Island
Title of Thesis: Effects of Dissolved Oxygen,
Temperature, and Salinity on Survival of Young
Striped Bass, *Roccus saxatilis* (Walgaum)

ROBERT THOMAS LACKEY (B.S., Humboldt State, 1967) Burbank, Calif.
Title of Thesis: Seasonal Abundance and
Availability of Forage Fishes and their
Utilization by Landlocked Atlantic Salmon
and Brook Trout in Echo Lake, Mount Desert
Island, Maine

PATRICIA GRACE WORLD (B.S., Colorado State, 1962) Poultney, Vt.
Title of Thesis: Reproductive Biology of the
Short-tailed Shrew in Central Maine

CERTIFICATES OF ADVANCED STUDY

FREDERICK HAROLD ANDREWS, JR. Caribou
MARION McCARTY BAGLEY Machias
AGNES MARY BURNS South Portland
LLOYD RAINSFORD CHASE Houlton
ROBERT HUGH CLIFFORD South Paris
ROBERT IRVING CURRAN Rockport
WESLEY FARNUM South Berwick
ARTHUR CHARLES FRIEDER Lewiston

PAUL FRANCIS GOSS	Bangor
ELTON STANLEY KNOWLES	Brunswick
LEON JAMES LAKIN	Gorham, N. H.
EDGAR PAUL LEMKE	Warren
DELMONT NOYES MERRILL	Brewer
GEORGE ALBION RICKER	North Windham
WOODBURY DOW SAUNDERS	Bridgton
DOUGLAS KEITH SMITH	Bangor
NORMA HOYLE TIFFANY	Cushing

DOCTOR OF PHILOSOPHY

IN PLANT SCIENCE

- CLARK ALLEN GRANGER (B.S., New Hampshire, 1963) Orono
 Title of Thesis: Some Physiological Aspects
 of the Red Leaf Disease of the Lowbush
 Blueberry (*Vaccinium* Spp.) and its Causal
 Agent *Exobasidium Vaccinii* (Fckl.) Wor.
- LAWRENCE OLIVER SAFFORD (B.S., Maine, 1961; M.F., Yale, 1962) Orono
 Title of Thesis: Evaluation of Growth
 Characteristics of Individual Free-Growing
 Red Spruce Trees as a Means of Estimating
 Forest Productivity

IN PSYCHOLOGY

- GEORGE FELIX BOYD (B.A., Virginia Union, 1948; M.S., University of
 Oregon, 1950) Charlotte, N. C.
 Title of Thesis: The Perceptibility and Discrimin-
 ability of Sharp and Flat Symbols in Musical
 Signature
- MARTIN WALTER BROWN (B.A., Tufts, 1965) Lynnfield Center, Mass.
 Title of Thesis: An Investigation of the
 Brightness Contrast Explanation of Brightness
 Constancy
- KENNETH LAWRENCE OZMON (B.A., St. Bernard, 1955; M.A.,
 Catholic University of America, 1963) Bangor
 Title of Thesis: Proactive and Retroactive
 Effects of Electroconvulsive Shock on
 Imprinting in Japanese Quail (*Coturnix
 coturnix japonica*)

IN ZOOLOGY

- JAMES LESTER LAWRENCE (B.A., M.S., Texas Christian, 1963, 1965) Oneonta, N. Y.
 Title of Thesis: Host-Parasite Relationships in
Catostomus Commersoni with Emphasis on the
 Caryophyllaeid Tapeworms

DISTINGUISHED ACHIEVEMENT AWARD

DAVID H. STEVENS

HONORARY DEGREE

DOCTOR OF LAWS

SAMUEL ELIOT MORISON
MARK R. SHEDD

GENERAL HONORS

The University of Maine confers degrees at the baccalaureate, master's and doctoral levels in a wide selection of academic fields. The baccalaureate, or bachelor's degree, is awarded to all undergraduate students who complete the prescribed program in their respective departments.

Baccalaureate degrees are conferred with *distinction*, *high distinction*, or *highest distinction* upon students, except those in the Honors Program, who have achieved an average rank of B or better for their first three and one-half years' work. At the time of graduation three years of resident study must have been completed at the University of Maine. The senior year, additionally, must have been in resident study at the University of Maine.

Baccalaureate degrees are conferred with *honors*, *high honors*, or *highest honors* upon students in the Honors Program. In order to receive a degree with honors a student must have a minimum of four semesters of work in the Honors Program, including both semesters of the senior year, and at least one semester of sophomore group tutorials.

Detailed descriptions of degrees awarded by the University, as well as the requirements for graduation with *distinction* or with *honors*, may be found in the general catalog.

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**DOES NOT
CIRCULATE**

ACADEMIC DRESS

Academic costume originated in Europe several hundred years ago. It consists of the gown, hood, and cap. Now much modified, each level of academic achievement still retains a distinctive gown and hood. Bachelors' gowns are worn today by the Senior Class, masters' gowns by the master's degree candidates, and doctors' gowns by doctoral candidates and many of the faculty.

The hood worn for the bachelor's degree (now seldom seen) is three feet long, for the master's degree, three and one-half feet, and for the doctor's degree four feet. Hoods are lined with the official color or colors of the college or university conferring the degree. University of Maine hoods are lined in pale blue.

The edging of the hoods varies in width according to the degree. Its color is distinctive of the subject to which the degree pertains. Some of these colors and associated subjects are:

Agriculture	Maize	Home Economics	Maroon
Arts, Letters, Humanities	White	Library Service	Lemon
Education	Light Blue	Nursing	Apricot
Engineering	Orange	Philosophy	Dark Blue
Forestry	Russet	Science	Golden Yellow

The caps are of the same material as the gown. The tassel is black or the color appropriate to the subject, except that the doctor's cap may have a gold tassel.

Most American colleges and universities use black gowns and caps which conform to the above descriptions. Many European institutions have gowns, hoods, and caps of original and frequently colorful design.

