212th Commencement Ceremony

The University of Vermont and State Agricultural College

December 14, 2013
Universitas V. Montis
Tune: Jane Oppenlander
Text: David Cox

From the lofty peaks of Mansfield
to the shores of Lake Champlain,
comes a mighty swelling chorus,
whose echo will remain:

Vermont! Vermont! Vermont!
Our University!
Thy loyal sons and daughters
sing in love and praise to Thee!

Vermont! Vermont! Vermont!
Our University!
Thy loyal sons and daughters
sing in love and praise to Thee!

Shadows falling ’cross the campus,
changing seasons’ wond’rous scene,
stir our thoughts of Alma Mater,
and her colors Gold and Green:

Vermont! Vermont! Vermont!
Our University!
Thy loyal sons and daughters
sing in love and praise to Thee!

Vermont! Vermont! Vermont!
Our University!
Thy loyal sons and daughters
sing in love and praise to Thee!
# Commencement Exercises

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**PLEASE NOTE** that errors will occur in the listings of candidates for graduation. Because of the time required for printing the program, the listings may contain names of persons who will not receive a degree at this time and also may omit the names of a few persons who will receive degrees. These errors are unavoidable.

All degree candidates are pending until January 2014 unless otherwise noted. All October, January, and May graduates will be included in the May 2014 commencement program. Latin honors will be awarded in May 2014 and will be included in the May program. If the degree candidates would like to receive a copy of the May commencement program please visit the December commencement Web site www.uvm.edu/~cmncmnt/decembercommencement/ to request a program. A copy will be mailed to you following the May 18th ceremony.

The University of Vermont is a 504 Title IX Affirmative Action Institution.

Printed on 30% post-consumer recycled paper.
Dear Graduates, Faculty, Families, and Friends,

On this winter morning, we gather to celebrate the accomplishments of our graduates with family, friends, faculty, and staff. Our Commencement Ceremony continues the rich traditions established by the University of Vermont 222 years ago. This venerable institution, founded by one of Vermont’s foremost revolutionary leaders Ira Allen, has been providing a world-class education to students since the eighteenth century. Our graduates today join the ranks of our over 100,000 alumni. We eagerly anticipate the stories of leadership and success that they will soon contribute to the long history of this University.

This is an outstanding group of graduates! Each of our graduates have worked hard to master a broad range of subjects and to acquire deep knowledge of their field. You have learned how to learn, how to ask questions, and how to push yourselves beyond what you thought possible. What makes this University so extraordinary is that you have learned how to succeed in your careers, and you have made significant contributions to this campus and to our community. Each term I receive letters from grateful members of our community telling me stories about our students selflessly reaching out to those in need. I know that with your impressive resumes, your proven abilities, and your strong sense of community, you will be effective and compassionate leaders wherever you go.

As we honor your individual achievements, we also acknowledge that you had a good deal of help as you strove to meet your goals. Family, friends, faculty, and staff provided the crucial support that helped you to succeed here at UVM. We honor the efforts of those that made this joyful day possible. Congratulations and best wishes to all!

Tom Sullivan
President
The University of Vermont

Commencement Ceremony

Saturday, December 14, 2013  9:00 a.m.  Multipurpose Facility

Order of Exercises

PRESIDING
Julie L. Roberts, Professor of Linguistics
University Marshal and President of the Faculty Senate
Patricia M. Corcoran, Assistant Dean for Student Affairs, College of Arts and Sciences
University Herald and Name Reader

PRELUDE, PROCESSIONAL AND RECESSIONAL MUSIC
University Brass Quintet and Organ
David Neiweem, Professor of Music and Marion B. Coe University Organist, Director

PROCESSIONAL
The University of Vermont Police Services Honor Guard
The Pipes and Drums of St. Andrews Society of Vermont

THE NATIONAL ANTHEM
*The Star-Spangled Banner*
Mary Kate Ellsworth

GREETINGS
Lisa M. Ventriss, Class of 1977, Graduate Class of 1991, University of Vermont Board of Trustees
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Jennifer L. Swain, Class of 2009, Graduate Class of 2014, Vice President of the Graduate Student Senate
Catherine E. Symans, Graduate Class of 2008, President of the Staff Council
Penrose Jackson, Class of 1970, Member of the Alumni Association Board of Directors

PRESIDENT’S REMARKS
E. Thomas Sullivan
Professor of Political Science and President of the University of Vermont

COMMENCEMENT ADDRESS
Major Jackson
Richard Dennis Green and Gold Professor of English

CONFERRING OF DEGREES IN COURSE
Doctorate Degrees • Masters Degrees • Honors College Scholars • Bachelor Degrees

CLOSING REFLECTION
David V. Rosowsky
Professor of Engineering and Provost and Senior Vice President

ALMA MATER
*Universitas V. Montis*
Mary Kate Ellsworth

RECESSIONAL
The Pipes and Drums of St. Andrews Society of Vermont

Refreshments to follow in the Multipurpose Facility
212th Commencement Ceremony
University Marshal • Julie L. Roberts, Professor of Linguistics and President of the Faculty Senate
University Herald and Name Reader • Patricia M. Corcoran, Assistant Dean for Student Affairs, College of Arts and Sciences
Faculty Marshals • Clare A. Ginger, Associate Professor of Natural Resources and Leon Walls, Assistant Professor of Education
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Commencement Speaker
Major Jackson, Richard Dennis Green and Gold Professor of English

Professor Major Jackson is one of the most distinguished and celebrated voices in American poetry. A member of the English Department at the University of Vermont since 2002, he is the author of three collections of poems: *Holding Company* (2010, Norton); *Hoops* (2006, Norton), both finalists for a NAACP Image Award in the category of Outstanding Literary Work in Poetry; and *Leaving Saturn* (2002, University of Georgia Press) awarded the Cave Canem Poetry Prize for a first book of poems and finalist for the National Book Critics Circle Award in Poetry. He is the editor of Library of America’s *Countee Cullen: Collected Poems*.


Major Jackson is a recipient of a Guggenheim Fellowship, a Pushcart Prize, a Whiting Writers’ Award, and has been honored by the Pew Fellowship in the Arts and the Witter Bynner Foundation in conjunction with the Library of Congress. He served as a creative arts fellow at the Radcliffe Institute for Advanced Study at Harvard University and the Fine Arts Work Center in Provincetown.

Professor Jackson graduated with a Bachelor of Arts degree in Accounting from Temple University and a Master of Fine Arts in Creative Writing from the University of Oregon. He has worked as the curator of literary arts at the Painted Bride Art Center in Philadelphia and taught as Distinguished Writer in Residence at Adelphi University, Columbia University, Xavier University of Louisiana, New York University, Baruch College as the Sidney Harman Writer-in-Residence, and University of Massachusetts - Lowell as the Jack Kerouac Writer-in-Residence.

He lives in South Burlington, Vermont, and is the Richard Dennis Green and Gold Professor at University of Vermont. He serves as the Poetry Editor of the *Harvard Review*. 
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Elizabeth Anne Bennett, First Year Results from the University of Vermont's Aiken Center Green Roof Research Project. Advisor: Gary Hawley, M.S.
Antonia David, The Impact of Humanitarian Norms on Post-Cold War Humanitarian Interventions. Advisor: Melissa Willard-Foster, Ph.D.
Ashley Lauren Deeb, The Role of Seasonal Attitudes in Seasonal Disorder. Advisor: Kelly Rohan, Ph.D.
Brittany Nicole Dooking, Getting Down to Earth: Revisiting Sustainability on a Small, Diversified Farm in Maryland. Advisor: Katharine Anderson, Ph.D.
Meghan E. Jay, Social Demonstrations of Rationality: A Study in Group Exercise Behavior. Advisors: Hagbarth Gabriel, Ph.D. and Richard Watts, Ph.D.
Kirsten Fayre Meisterling, The Effect of Free Fatty Acids on the mTOR Signaling Pathway in Mus Musculus CD4 T Cells. Advisors: Oliver Dienz, Ph.D. and Douglas Johnson, Ph.D.
Erin Elizabeth Roelke, Activation of the endocrine stress response by pituitary adenylate cyclase-activating polypeptide (PACAP) in the bed nucleus of the stria terminalis (BNST): A dose response curve. Advisor: Sayamwong Hammack, Ph.D.

CALS: College of Agriculture and Life Sciences, CAS: College of Arts and Sciences, BSAD: School of Business Administration, RSENR: Rubenstein School of Environment and Natural Resources

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COLLEGE HONORS
Emma Fry Fitzsimmons, Hegemonic Universalism: Framing Secularism and Womanhood in the French Veil Conflict. Advisor: Luis Vivanco, Ph.D.

Meghan E. Jay, A Study in Group Exercise Behavior. Advisor: Susan Hughes

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Commencement 2013

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Jeremy Luc Bushy, Saint Albans
Imouranan Diallo, Brooklyn, NY*
Olivia Ann Rowe, Milton

Exercise and Movement Sciences
Jessica L. Bradley, Trenton, NJ

Medical Laboratory Sciences
Jenna Paige, Colchester

Professional Nursing
Catherine Anderson Akin, Charlotte
Alexander B. Buckingham, Larchmont, NY

Post-Master’s Certificate Nursing
Rebecca Anne Brooklyn, Jericho
Sandra Morin Robinson, Jeffersonville

Phi Beta Kappa

PHI BETA KAPPA, a national honor society dedicated to honoring high academic achievement for liberal arts students, was founded at the College of William and Mary in 1776. It is the nation’s first Greek-letter society and is the oldest and most respected academic honorary society. UVM’s chapter of Phi Beta Kappa, the Alpha of Vermont, was established in 1848. It is the eleventh oldest chapter on the national rolls of Phi Beta Kappa, and the first chapter to admit women to its membership in 1875.

Inducted
Joseph Henry Carpenter
Antonia David
Evan Robert Davis-Dennnan
Ashley Lauren Deeb
Emma Fry Fitzsimmons
Samuel Brendan Kazman
Andrew Duff McCue
Alyssa Rose Merz
Megan E. Noonan
Rebecca Colburn Norton
Jennifer Lee Phillips
Daniel Alan Rosenblum

Elected
Katherine Selby King

*As of October, 2013
DOCTOR OF PHILOSOPHY
Animal, Nutrition, and Food Sciences
Gourong Wang, B.S. (China Agricultural University) 2005; M.S. (China Agricultural University) 2007; Linan China
Dissertation: Modification of Whey Protein and Its Applications in Environmentally Safe Paper Glues
Advisor: Dr. Mingguo Guo

Biology
David Eduardo Lucero, B.S. (The University of Vermont) 2008; Jamaica, Queens*
Dissertation: The Spatial Distribution of Chagas Disease Vectors in Latin America
Advisor: Dr. Lori Stevens

Cell and Molecular Biology
Rebecca A. Martin, B.S. (George Mason University) 2004; Atlanta, GA*
Dissertation: The Generation and Function of the TH17 Response in No1-Promoted Allergic Airway Disease
Advisor: Dr. Matthew Poynter

Chemistry
Daniel A. Bercovici, B.S. (Massachusetts Institute of Technology) 2004; Cambridge, MA*
Dissertation: An Exploration of 1-AZA-2-Azoniaallene Salts as Unique Heterocyclic Intermediates in Insertion and Cycloaddition Reactions for the Preparation of Nitrogen Containing Heterocycles
Advisor: Dr. Matthias Brewer

Civil and Environmental Engineering
Nathan P. Belz, B.S. (University of Maine) 2006; M.S. (University of Maine) 2008; Readfield, ME*
Dissertation: Planning and Operational Models for Roundabouts
Advisor: Dr. Lisa Aultman-Hall

Computer Science
Peter Chapin, B.S. (Western New England College) 1982; M.S. (University of Illinois) 1985; Williston
Dissertation: Trust Management in Distributed, Resource Constrained Embedded Systems
Advisor: Dr. Christian Skalka

Education Leadership and Policy Studies
Maria Mercedes Avila, B.A. (Universidad del Salvador) 2002; M.Ed. (The University of Vermont) 2007; Burlington
Dissertation: Evaluating the Efficacy of Youth Suicide Prevention Gatekeeper Trainings: Implications for School Personnel and Health and Mental Health Service Providers
Advisor: Dr. George S. Leibowitz

Electrical Engineering
Clark Vandam, B.S. (University of Michigan) 2005; M.S (Central Michigan University) 2009; Mt. Pleasant, MI
Dissertation: 2D/3D Feature-Based Visual Tracking and Localization for Planetary Rover Exploration
Advisor: Dr. Gagan Mirchandani

Microbiology and Molecular Genetics
Kovi Bessoff, B.A. (University of Colorado) 2006; Longmeadow, MA
Dissertation: Techniques to Identify Potential Treatments for Cryptosporidiosis
Advisor: Dr. Christopher Huston

Natural Sciences
Charles Krechting, B.A. (Lafayette College) 2000; M.S. (The University of Vermont) 2006; Boston, MA*
Dissertation: Sustainable Financing of Protected Areas: Application of Valuation Tools to Overcome Barriers
Advisor: Dr. Jon Erickson

*As of October, 2013
Rebecca H. Pincus, B.S. (Georgetown University) 2005; M.S. (Vermont Law School/The University of Vermont) 2010; Ridgefield, CT*
Dissertation: United States Department of Defense and the Challenge of Climate Change: An Inquiry into Organizational Adaptation and Resilience
Advisor: Dr. Saleem Ali

Matthew D. Albaugh, Psychology
Advisor: Dr. Yolanda H. Chen
Dissertation: Anxiety Sensitivity and Relapse to Smoking: Evaluating The Mediating Role of Negative Affect and Nicotine Withdrawal Symptoms

Ting Yi, Physiology and Biophysics
Advisor: Dr. Rae Nishi
Dissertation: Cardiomyocyte Contraction-Relaxation Function in Response to Zinc and Oxidative Stress

Yuan Zhang, Plant Biology
Advisor: Dr. Bradley Palmer
Dissertation: Expression and Colocalization of Prostate Stem Cell Antigen with Alpha7 Subunit Containing Nicotinic Acetylcholine Receptors in Parasympathetic Neurons

Kate Skoglund Linnea, A.A.S. (Fashion Institute of Technology) 1988; B.S. (Winona State University) 2001; Essex Junction*
Dissertation: Peer Sexual Harassment in College: The Relationship with Status and College Adjustment
Advisor: Dr. Katherine Shepherd

William David Murphy, B.S. (The University of Vermont) 2011; Burlington*

Rebecca H. Pincus, B.S. (Georgetown University) 2005; M.S. (Vermont Law School/The University of Vermont) 2010; Ridgefield, CT*
Dissertation: United States Department of Defense and the Challenge of Climate Change: An Inquiry into Organizational Adaptation and Resilience
Advisor: Dr. Saleem Ali

Matthew D. Albaugh, Psychology
Advisor: Dr. Yolanda H. Chen
Dissertation: Anxiety Sensitivity and Relapse to Smoking: Evaluating The Mediating Role of Negative Affect and Nicotine Withdrawal Symptoms
Advisor: Dr. Michael J. Zvolensky

DOCTOR OF EDUCATION

Educational Leadership and Policy Studies
Sadig Abdullah Dahlan, B.S. (Johnson State College) 2003; M.Ed. (The University of Vermont) 2005; Jeddah, Saudi Arabia*
Dissertation: A Tale of Two Boys: Growing Up as Children with Special Health Needs in Saudi Arabia
Advisor: Dr. Fayneree Miller

Emily Mazzulla, B.A. (Boston College) 2005; Milwaukee, WI*
Dissertation: Investigating the Neural Correlates of Relational Aggression Using a Social Conditioning Task
Advisor: Dr. Alexandra Potter

DOCTOR OF PHYSICAL THERAPY

William David Murphy, B.S. (The University of Vermont) 2011; Burlington*

MASTER OF ACCOUNTANCY

Shuo Yang, B.S. (University of International Business and Economics) 2009; Beijing, China

MASTER OF ARTS

English
James Keith Davis, B.A. (University of Connecticut) 2008; Ivoryton, CT*
Thesis: Chivalry in Motion: Le Morte D’Arthur and The Faerie Queen
Advisor: Dr. Andrew Barnaby

History
Jennifer Elizabeth Belmont-Earl, B.A. (Keene State College) 2008; Barrington, NH*
Thesis: Our Boys or Inmates? An Institutional History of the Vermont Industrial School, 1907-1917
Advisor: Dr. Donna Brown

James Joseph Hodge, Thesis: Third Party Responses to Sexism
Advisor: Dr. John Green

Psychology
Meghan C. Eddy, B.S. (The University of Vermont) 2005; Pittsfield, MA*
Thesis: The Effect of Voluntary Exercise on Discrimination, Set-Shifting, and Striatal Dopamine
Advisor: Dr. Carol T. Miller

DOCTOR OF ARTS IN TEACHING

Heather Louise Cutler, B.S. (St. Lawrence University) 2012; Watertown*

Abbey L. Kalman, B.A. (Dickinson College) 2011; Shelburne*

Paul J. LaFountain, B.S. (University of Phoenix) 2011; Winnsboro*

Hannah L. Lindsey, B.S. (The University of Vermont) 2005; Bainbridge Island, WA*
Alaina Christine Palombo, B.S. (The University of Vermont) 2006; Williston*
Adrian Walther, B.A. (Colby College) 2006; East Burke

MASTER OF BUSINESS ADMINISTRATION
Franz H. Bernstein, B.S. (The University of Vermont) 2012; Unterbergau, Germany*
Michael Cady, B.S. (Clarkson University) 1992; Wolfeboro, NH
Amanda Kloc, B.S. (The University of Vermont) 2008; Nanton, CT
Mark Renz, B.S. (Syracuse University) 2005; South Burlington
Katharina Regina Schaal, B.S. (TU Kaiserslautern – Germany) 2012; Hargesheim, Germany

MASTER OF EDUCATION
Curriculum and Instruction
Heather Elizabeth Dunn, B.A. (Colby College) 1999; Waterville
Jacquelyn Hope Mackner, B.S. (The University of Vermont) 2009; Hartford*
Lauren Anne May, B.S. (University of Massachusetts, Amherst) 1996; Barre*

Educational Leadership
Ilene Dickinson, B.S. (Lyndon State College) 2005; Waterbury

Interdisciplinary
John M. Aellig, B.S. (University of Rhode Island) 2009; Harrisville, RI
  Thesis: Grieving the Loss of my Former Self: How a First-Generation, Quarterly College Student Became a Social Justice Advocate and Student Affairs Professional
  Advisor: Dr. Robert J. Nash

Special Education
Julie A. Johnson, B.S. (Trinity College) 1992; A.S. (Quamploon College) 1989; Milton
Danielle Erin Lindquist, B.S. (The University of Vermont) 2012; Wethersfield, CT*
Carrie Anne Mitchell, B.S. (The University of Vermont) 2008; Colchester

MASTER OF PUBLIC ADMINISTRATION
Autumn D. Barnett, B.S. (The University of Vermont) 2002; Putney*
Ashley Victoria Wright Clark, B.S. (The University of Vermont) 2007; Essex
Rachel Ellen Hanish, B.S. (The University of Vermont) 2006; Winookski
Julie Christine Paris, B.S. (Johnson State College) 1995; Colchester*
Juan Zhang, M.A. (Central University of Finance and Economics) 2005; Beijing, China

MASTER OF SCIENCE
Biostatistics
Ana Lucia Camposeco Jacobs, B.S. (Universidad Francisco Marroquin) 2002; Spain
  Thesis: Role of Noise in Gene Expression in the Multiple Antibiotic Resistance Network of E. coli
  Advisor: Dr. Mary Dunlop
Faisal Ameen Hareeri, B.S. (Al-Qura University) 2004; Makkaah, Saudi Arabia

Chemistry
Alexandra K. Duncan, B.S. (Armstrong Atlantic State University) 2010; Acworth, GA*
  Advisor: Dr. Christopher C. Landry
Pushwinder Kaur, B.S. (Guru Nanak University, India) 2001; M.S. (Guru Nanak University, India) 2004; Binda, India*
  Thesis: Glutathione Quantiﬁcation and Tracer Enrichment Measurement by Liquid Chromatography-Mass Spectrometry
  Advisor: Dr. Dwight E. Matthews

Civil and Environmental Engineering
Brian W. Gómez, B.S. (The University of Vermont) 2006; Waterbury*
  Thesis: Evaluation of Design Assumptions For Structural Backfill of Abutments and Retaining Walls
  Advisor: Dr. Mandar Devoolkar

Scott Douglas Hamshaw, B.A. (St. Michael's College) 2006; B.S. (The University of Vermont) 2006; Bristol
  Thesis: Suspended Sediment Prediction using Artificial Neural Networks and Local Hydrometeorological Data
  Advisor: Dr. Donna Rizzo
Kristine Harootunian, B.S. (St. Lawrence University) 2003; Plymouth*
  Thesis: Understanding the Relationship Between Non-Local Drivers and Fault in Motor Vehicle Crashes
  Advisor: Dr. Brian H.Y. Lee
George William Lester, B.S. (The University of Vermont) 2011; St. Joseph, MI*
  Thesis: Evaluation of Pulsed Pumping in Porous Media Containing Sharp Material Interfaces, Using Laboratory Experiments and Modeling
  Advisor: Dr. George Pinder

Clinical and Translational Science
Jay Gonyea, B.S. (State University of New York – Empire) 1996; Plattsburgh, NY
Kristine C. Johnson, B.S. (University of California Santa Cruz) 1989; M.S. (University of Colorado Health Science Center) 1995; Hinesburg
  Thesis: Lymphedema Assessment: A Comparison of Current Clinical Measures (Self-Report, Palpation, and Volume) to Ultrasound Imaging
  Advisor: Dr. Sharon Henry

Community Development and Applied Economics
Jonathan Taylor Bond, B.S. (University of Maine) 2006; South Burlington*
  Thesis: An Examination of Vermonters’ Disaster Preparedness Practices
  Advisor: Dr. Daniel Baker
Marigo Farr, B.A. (State University of New York, New Paltz) 2009; New Paltz, NY*
  Thesis: An Alternative Analysis of Global Supply and Demand for Food with Respect to Planetary and Social Boundaries
  Advisor: Dr. Joshua Farley
Brian Kelly, B.S. (University of Pennsylvania) 2002; Huntington, NY*
  Advisor: Dr. Joshua Farley
Matthew Pescatore, B.S. (The University of Vermont) 2006; Cobsasset, MA*
  Thesis: Multifunctional Agriculture in New England: Farm Demographic Profile, Financial Outlook and Entrepreneurial Characteristics
  Advisor: Dr. Kathleen Liang
Meagan Pharis, B.S. (Louisiana State University) 2008; Pineville, LA*
  Advisor: Dr. Jane Kolodinsky
Matthew Ellsworth Putnam, B.S. (University of California, Davis) 2006; Fresno, CA*
  Thesis: A Structural Equation Modeling Approach to Obesity: Using Matched Data from the National Health and Nutrition Examination Survey and the American Time Use Survey
  Advisor: Dr. Jane Kolodinsky
Phoebe Gisourd Spencer, B.A. (McGill University) 2011; Essex Junction*
  Thesis: Connecting Mobility and Wellbeing: Quality of Life Dimensions in Bicycle Transportation
  Advisor: Dr. Richard Watts
Chloe Wieland, B.A. (University of Virginia) 2006; Trappe, MD*
  Advisor: Dr. David Conner

Computer Science
Christopher Peter Morse, B.A. (The University of Vermont) 2002; Burlington

Counseling
Alan French, B.S. (Cornell University) 2003; Sudbury, MA*
Katherine E. McElroy, B.S. (Hamilton College) 2008; Sudbury*
Sarah Suzanne Palmer, B.S. (Eastern Washington University) 2010; Seattle, WA*
Sandra Justine Ryan, B.A. (Williams College) 1994; Plattsburgh, NY*

*As of October, 2013
Electrical Engineering
Lily Chan, B.S. (Boston University) 2006; Boston, MA
Ronell Amelia Lutz, B.S. / Western New England College), Essex Junction
Benjamin Schilling, B.S. (The University of Vermont) 2009; Potsdam, NY
Thesis: A Practical, Semi-Automated, Vision-Based Development Environment For Detection, Classification and Counting Pedestrians and Bicyclists on Roadways
Advisor: Dr. Gagan Mirchandani
Andrew Seier, B.S. (The University of Vermont) 2011; Londonderry
Thesis: Thermal Modeling of 25 kVA Service Transformers and an Approach to Load Management
Advisor: Dr. Jeff Frolik
Ryan Tarring, B.S. (The University of Vermont) 2011; Old Tappper, NJ
Anbu Selvam Venkatachalam, B.S. (College of Engineering Guindy Chennai) 2005; Uthangarai, India
Thesis: RF Circuit Development for Ultra-Wideband Ground Penetrating Radar for Evaluating Highway Pavement and Bridge Deck Subsurface Conditions
Advisor: Dr. Tian Xia

Geology
Patrick Dyess, B.S. (Montana State University); Houston, TX
Thesis: Interpreting Quartz Textures Through Titaniq Thermobarometry of Low Grade Metapelites, Northfield Mountains, Vermont
Advisor: Dr. Laura E. Webb
Steven Golhke, B.S. (University of Texas at Austin) 2011; Houston, TX
Thesis: Deformation Bands in Poorly Sorted, Poorly Lithified and Shallowly Buried Sandstone Along the Seiyal Fault, Western Desert, Egypt
Advisor: Dr. Charlotte J. Mehrten
Alice H. Nelson, B.A. (Williams College) 2010; Hanover, NH
Thesis: Using in Situ Cosmogenic ¹ºBe as a Sediment Source Tracer in Greenland’s Paraglacial Environment
Advisor: Dr. Paul B. Bierman

Historic Preservation
Courtney Loretta Marie Doyle, B.A. (State University of New York – Potsdam) 2011; Nassau, NY
Samantha G. Ford, B.A. (The University of Vermont) 2011; Charlotte
Jessica Kristen Groenald, B.A. (University of New Hampshire) 2007; Clifton Park, NY
Daniel T. Leckie, M.A. (Stony Brook University) 2010; Rocky Point, NY
Katelyn Lepone, B.A (Alfred University) 2011; Port Jefferson Station, NY
Elisa Portman, B.A. (Univrisit of Massachusetts Boston) 2010; Natirck, MA

Mathematics
Paul Roy Lessard, B.S. (Evergreen State College) 2008; Cambridge, MA
Thesis: Collective Deletion
Advisor: Dr. Charles Dodds
Andrew Reagan, B.S. (Virginia Tech) 2011; Marcellus, NY
Thesis: Predicting Fluid Reversals in a Computational Fluid Dynamic Simulated Thermosyphon Using Data Assimilation
Advisor: Dr. Chris Danforth
Samuel Sullivan Schiavone, B.A. (Amherst College) 2010; Greensboro

Mechanical Engineering
Lake Fairytiati, B.S. (The University of Vermont) 2009; Underhill
Thesis: Mathematical Modeling of Hydrogen Peroxide Catalysis for Memm Thruster Applications
Advisor: Dr. George F. Pinder
Aaron Porter, B.S. (Clarkson University) 2009; Colchester
Advisor: Dr. Frances Sansoz
Daniel Sturrock, B.S. (The University of Vermont) 2011; Rochester, NY
Thesis: The Relationship Between Knee Joint Geometry and Risk of Suffering Anterior Curicate Injury: A Prospective Study with a Nested Case-Control Analysis
Advisor: Dr. Bruce D. Beynnon

Microbiology and Molecular Genetics
Todd James Cramer, B.S. (Bowling Green State University) 2006; M.S. (Bowling Green State University) 2008; Warren, OH
Thesis: Effects of Vitamin E on Small Molecule Inhibitors of Candida Albicans Biofilm Formation on Silicone Substrates
Advisor: Dr. Douglas I. Johnson

Natural Resources
Arielle L. Arsenault, B.S. (Boston College) 2011; Berlin, NH
Thesis: Behavioral Ecology and Genetics of Potential Natural Enemies of Hemlock Woolly Adelgid
Advisor: Dr. Kimberly F. Wallin
Kirsten Brewer, B.A. (Pitzer College) 2008; Gloucester, MA
Wendy Scard Cole, B.A. (Colby College) 2005; Danville
Thesis: Effects of Landscape Change on Bobcat Carrying Capacity in Vermont
Advisor: Dr. James D. Murdoch
Hannah Stalker Dave, B.S. (The University of Vermont) 2010; Ryegate
Thesis: Wolves and Livelihoods in the Arip Steppes of Mongolia: An Integrated Approach to Understanding Patterns of Human-Wolf Contact
Advisor: Dr. James D. Murdoch
Benjamin James Engel, B.S. (University of Maine Farmington) 2011; Westford, MA
Thesis: Investigating the Relationship Between Modeled Calcium Depletion and Red Spruce Growth and Response to Environmental Stresses
Advisor: Dr. Paul Schaberg
Laura S. Kiff, B.A. (Sterling College) 2010; Ester, NH
Thesis: Public Participation in Energy Infrastructure Development: The Case of the Northern Pass Transmission Line
Advisor: Dr. Curtiss Ventris
David Bradley Lanute, B.A. (Temple University) 2009; West Chester, PA
Thesis: Are We Measuring Urban Sprawl?: Methods for Evaluating the Empirical and Theoretical Validity of Urban Form Indicators Using Simulation Modeling
Advisor: Dr. Austin R. Troy
Wesley Mech, B.A. (King’s College) 2010; Forty Fort, PA
Thesis: Wandering Within Purpose: A Pedestrian Ecology of Burlington, Vermont
Advisor: Dr. Adrian Ivakhiv
Corinne Novetti, B.A. (Bucknell University) 2005; Stonybrook, NY
Thesis: Comparing Agency and Interest Group Perspectives About Public Involvement in the Management of Double-Crested Cormorants on Lake Champlain: An Exploratory Study
Advisor: Dr. Allan M. Strong
Katherine Ostroot, B.A. (University of New York at Geneseo) 2011; Williamsville, NY
Thesis: Green Buildings and Student Perceptions of Sustainability
Advisor: Dr. Thomas Hudspeth
Ellen Lynn Rokestad, B.A. (DePaul University) 2010; Crystal Lake, IL
Thesis: The Importance of Natural Darkness and the Night Sky to National Park Visitors and Indicators of Quality for Night Sky Viewing Experiences
Advisor: Dr. Robert E. Manning

Neuroscience
Nick Ortiz, B.A. (University of Colorado, Boulder) 2009; Parker, CO
Thesis: Decreased Frontal, Striatal, and Cerebellar Activation in Adults with ADHD During an Adaptive Delay Discounting Task
Advisor: Dr. Hugh Garavan
Geoffrey John Schaubhut, B.S. (University of North Dakota) 2010; Royalton, MN
Thesis: Impact of Task-Independent Emotional Stimuli on Response Inhibition in College-aged Females
Advisor: Dr. Alexanda S. Potter

Nursing
Jennifer Elaine Brennan, A.D.N. (Vermont Technical College) 2006; B.S. (The University of Vermont) 2008; Burlington
Thesis: Garden Space Utilization as an Adjunct to MentalHealth/Psychiatric Treatment in Tertiary Care
Advisor: Dr. Brenda Hamel-Bissell
Courtney Debruere, B.S. (The University of Vermont) 2008; Milton
Thesis: Lived Experience of Nurses Caring for Adolescents During the Immediate Postpartum Period
Advisor: Dr. Jeannie Carr
Amy Joy Dennis, B.A. (The University of Vermont) 2011; Waitsfield
Sean Harkness Elder, B.S. (University of Arizona) 2004; South Burlington
Jennifer Mae Fenn, B.S. (The University of Vermont) 2004; Middlebury

Thesis: The Relationship Between Methadone Maintenance Treatment and Body Mass Index: A Retrospective Chart Review
Advisor: Dr. Jennifer Laurent

Robyn Gonzales, B.A. (University of Rochester) 2004; Stow, OH

Thesis: Relationship Between Meal Plan, Dietary Intake, BMI, and Appetitive Responsiveness in College Students: A Pilot Study
Advisor: Dr. Jennifer Laurent

Natalie Ann Guarin, B.A. (Middlebury College) 2005; Millbrook, NY

Alexander C. Johnston, B.A. (University of Connecticut) 1984; M.S. (Five Branches University) 1993; Burlington

Thesis: Impact of Therapeutic Milieu and Unit Aggression on Progression to Discharge: Correlation of Emergency Events with Outcomes for Psychiatric Patients
Advisor: Dr. Brenda Hamel-Bissell

David J. Manchester, B.A. (Bishop's University) 2006; St. Albans

Annegret Schmitt-Johnson, M.A. (The University of Vermont) 2006; Colchester

Leah Linder Siegel, B.A. (The University of Vermont) 2008; Red Hook, NY

Thesis: Barriers to Reproductive Health Care Confidentiality in School-Based Health Centers
Advisor: Dr. Jean Coffey

Plant and Soil Science

Justin Geibel, B.S. (The University of Vermont) 2008; Boxford, MA

Advisor: Dr. Don Ross

Bridgett Hilshey, B.S. (Western Washington University) 2008; Lake George, NY

Thesis: Effectiveness of Raw Milk as a Pasture Amendment
Advisor: Dr. Sidney Bosworth

Statistics

James Reynold Fregosi, B.A. (The University of Vermont) 2010; Massapequa, NY

Anna Salate, B.S. (The University of Vermont) 2012; West Boylston, MA

CERTIFICATE OF GRADUATE STUDY

Complex Systems
Richard Carrick
Morgan R. Frank
Ana Lucia Composeco Jacobs
Eitan Pechenick
Robert M. Swain
Mark Wagy

Ecological Design
Jacob Kelsey*

Ecological Economics
Samuel C. Carlson*
David Ellenbogen
David E. Gammon
Preeta Karnwar*
Brian Kelly*
Hisashi Kominami*
Matthew Ellsworth Putnam*

Greek and Latin Languages
Theodore Szadzinski

Interdisciplinary Study of Disabilities
Maria Mercedes Avila

Public Health
Chelsea Lynn Carman*
Christine N. Dornbierer
ACADEMIC REGALIA

The Academic Costume worn today in U.S. colleges and universities is a survivor of the Middle Ages. The University of Vermont was among the first in this country to experiment with the use of academic gowns, requiring their wearing at the graduation of 1806. The experiment was not repeated until mid-century when UVM and other colleges began wholeheartedly to use the medieval scholar's clothing for ceremonial occasions.

The code regulating academic costume is administered by an intercollegiate commission that establishes uniform standards. BACHELORS' gowns have closed fronts and long, pointed sleeves. MASTERS' gowns may be worn open or closed and have oblong sleeves open at the wrist, the lower portion hanging down with an arc near the bottom. DOCTORS' gowns may be open or closed and have velvet facings and three velvet bars on the round, open sleeves. The facings and bars may be of black or of the official colors of the wearer's department of learning.

Hoods are usually black. All are lined in silk in the academic color or colors of the institution conferring the degree, with a chevron for additional colors. A University of Vermont hood is lined with green, with a gold chevron, the official school colors. The color of the hood border indicates the degree earned.

Agriculture .................................................. Maize
Arts, Letters and Humanities.............................. White
Commerce and Business ..................................... Drab
Dentistry ................................................................ Copper
Economics .......................................................... Lilac
Education .......................................................... Light Blue
Engineering ....................................................... Orange
Forestry .............................................................. Russet
Journalism .......................................................... Crimson
Law ....................................................................... Purple
Medicine .................................................................. Green
Music ................................................................. Pink
Nursing ................................................................. Apricot
Philosophy ............................................................ Dark Blue
Public Administration .......................................... Peacock Blue
Science ............................................................... Golden Yellow
Theology ............................................................. Scarlet
Veterinary Science ................................................. Gray

The Black Mortarboard is worn for all degrees. Only Doctors' caps may be made of velvet and only Doctors or Presidents of institutions may wear a gold tassel on the cap.

The University Seal or Medallion was adopted in 1807 and used until 1871 when it was replaced by a round seal incorporating the name of the College of Agriculture. In 1975 the Board of Trustees voted to restore the original seal to official use, modified to incorporate the Latin name of the College of Agriculture.

The motto on the seal is from Horace, Epistles 1.2.36. Literally, it means “For virtuous studies and matters.” In the allusion to Horace's poem it reflects UVM's continuing belief in the utility and practicality of all liberal studies.

The Class of 1927 Memorial Mace is carried by the University Marshal at formal university occasions and is displayed on the platform during these ceremonies.

The Mace, a gift from the Class of 1927, is forty-seven inches long, cast bronze, plated in silver, with a black ebony handle. The sculpture on one of the four sides depicts the center section of Old Mill with Mt. Mansfield in the background, symbolizing the founding of the University. Other sides display three students reaching upwards to a lamp, symbolic of learning; the Ira Allen Chapel, symbolizing spiritual guidance; and a group of four persons, symbolizing friendship. It is crowned by the seal of the University.

The Mace was designed and the model sculpted by Richard Simpson, son of Carl G. and Doris Griffith Simpson, both members of the Class of 1927.

Banners of the Colleges and Schools

Maize ................................................................ College of Agriculture and Life Sciences
White and Yellow .................................................. College of Arts and Sciences
Drab .................................................................. School of Business Administration
Light Blue and ....................................................... College of Education and
Citron Yellow ........................................................ Social Services
Orange .................................................................. College of Engineering and
Green and Gold ...................................................... Mathematical Sciences
Green .................................................................. Graduate College
Green .................................................................. College of Medicine
Russet and ............................................................. The Rubenstein School of
Yellow ................................................................. Environment and Natural Resources
Seafoam and .......................................................... College of Nursing and
Apricot ................................................................. Health Sciences

General Information for the Day of Commencement

The following information is provided to help our guests find the services they need on campus during the December Commencement Ceremony.

INFORMATION CENTER

An information desk will be located in the main lobby of Patrick Gymnasium.

RESTROOMS

Restrooms are located in the main lobby of the Patrick Gymnasium. All restrooms are handicapped accessible.

FLOWER SALES

The Golden Key International Honour Society will be selling flowers in the lobby of the Multipurpose Facility.

LOST AND FOUND

Lost and Found for people and property is located at the Information Center in the main lobby of Patrick Gymnasium. After 11:00 a.m. valuables are sent to UVM police Services at (802) 656-3473. They are located at 284 East Ave. Inquiries regarding non-valuables should be directed to Conference and Event Services at (802) 656-5665 beginning Monday, December 16.

FIRST AID

First aid facilities will be provided by the UVM Rescue Squad and will be located outside the main entrance to Patrick Gymnasium.

EMERGENCIES

In the event of a true emergency, dial 911 from a cell phone or use one of the “Blue Light” emergency phones located throughout the campus. In either case you will be connected immediately with an emergency dispatcher.