210th Commencement Ceremony

The University of Vermont and State Agricultural College

December 15, 2012
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.

Candidate names are current as of the October 31st course withdrawal deadline. All degree candidates are pending until January 2013 unless otherwise noted. All October, January, and May graduates will be included in the May 2013 commencement program. Latin honors will be awarded at this time and 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 19th 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,

Today we are proud to celebrate the accomplishments of our graduates and to send them into the world with our heartfelt commendation and steadfast support. Through our commencement ceremony we continue the rich traditions established by the University of Vermont more than two centuries ago. Since the late eighteenth century, this venerable institution has been honoring its graduates and looking forward to the distinction they will bring to the University as they reach their goals and build their careers. The achievements of the Class of 2012 promise success in diverse fields from Philosophy and Mathematics to Environmental Sciences.

Graduates, congratulations on completing your degree! We know earning this diploma required hard work, determination, and sacrifice. Over the course of your studies here you have contributed your creativity, your enthusiasm, your desire for knowledge, your sense of fairness, your concern for the environment, and your service to this University. I hope you will continue to push beyond the boundaries of what you thought possible, to raise your aspirations above the ordinary, to enrich your communities, and to make significant changes in your world. Remember that you will always be members of the University of Vermont family. Today you join the over 100,000 alumni of UVM that comprise a personal and professional network across the country and around the world.

In conclusion, I would like to extend my gratitude to the families and friends of our graduates for your encouragement and support as they earned their degrees. Your efforts helped to make this joyful day possible. On behalf of the faculty and staff, it is our privilege to celebrate with you. We are all honored by your presence here today.

Sincerely,

Tom Sullivan
President

December 2012
The University of Vermont
Commencement Ceremony
Saturday, December 15, 2012  9:00 a.m.  Multipurpose Facility

Order of Exercises

PRESIDING
Julie L. Roberts, Professor of Linguistics
University Marshal and President of the Faculty Senate
Robert S. Tyzbir, Professor of Nutrition and Food Sciences
University Herald

PRELUDE MUSIC
University Memorial Carillon
University Brass Quintet with D. Thomas Toner, Professor of Music and
David Neiweem, Professor of Music and Marion B. Coe University Organist

PROCESSIONAL MUSIC
University Brass Quintet with D. Thomas Toner, Professor of Music and
David Neiweem, Professor of Music and Marion B. Coe University Organist
The University of Vermont Police Services Honor Guard
The Pipes and Drums of St. Andrews Society of Vermont

THE NATIONAL ANTHEM
Holly Beth Mugford, Class of 2013

GREETINGS
Harry L. Chen, Vice Chair of the University of Vermont Board of Trustees
Connor D. Daley, Class of 2014, President of the Student Government Association
Kelly Swindlehurst, Class of 2013, 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
Rachel K. Johnson
Robert L. Bickford, Jr. Green and Gold Professor of Nutrition and Professor of Medicine

CONFERRING OF DEGREES HONORIS CAUSA
AWARDS
Kroepsch-Maurice Excellence in Teaching Awards
FT. Kidder Medal for Outstanding Student Leadership

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

CLOSING REFLECTION
Jane E. Knodell
Professor of Economics, and Provost and Senior Vice President

ALMA MATER
Universitas V. Montis
Holly Beth Mugford, Class of 2013

RECESSIONAL
The Pipes and Drums of St. Andrews Society of Vermont
University Brass Quintet with D. Thomas Toner, Professor of Music and
David Neiweem, Professor of Music and Marion B. Coe University Organist

Reception to follow in the Grand Maple Ballroom and Olin Atrium in the Davis Center
210th Commencement Ceremony
University Marshal • Julie L. Roberts, Professor of Linguistics and President of the Faculty Senate
University Herald • Robert S. Tyzbir, Professor of Nutrition and Food Sciences
Faculty Marshals • Clare A. Ginger, Associate Professor of Natural Resources and Paul Deslandes, Associate Professor of History
College and School Faculty Marshals • Michael John Tomas III, Associate Professor of Finance and Lisa Jane Schnell, Associate Professor of English
Name Reader • Professor Robert S. Tyzbir, Professor of Nutrition and Food Sciences
Commencement Program Coordinator • Kelly O’Malley, Coordinator of Presidential Events
Commencement Logistics Coordinator • S. Elizabeth Campbell, Conference and Event Services

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.

SHUTTLE BUS SERVICE
Buses will run every 5-7 minutes from 7:30 a.m. to 12:30 p.m. to the Patrick Gym/Multipurpose Facility (ceremony), the front door of the Davis Center (reception), and parking lots (bus stops located at the east door of Jeffords Hall and the Lobby of the Given Medical Building). Both Jeffords Hall and the Given Building will be open to provide shelter from the weather.

INFORMATION CENTER
Information tables 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.

SPECIAL NEEDS
Ushers wearing yellow vests are available to assist with requests for: FM hearing impaired devices, commencement programs in Braille, special assistance seating.

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

UVM BOOKSTORE
The UVM Bookstore is located in the Davis Center. It offers an assortment of UVM clothing, gifts, diploma frames, and other merchandise. Store hours on Saturday, December 15, are 11:00 a.m. – 3:00 p.m. The Bookstore Kiosk in Patrick Gymnasium will be open 8:00 a.m. – 11:00 am with clothing and gift items for sale.

PHOTOGRAPHS
GradImages, a professional commencement photography business, will be on hand to photograph each student. Students are encouraged to pre-register online (www.gradimages.com/Preregistration) with GradImages for easy tracking of their December Commencement proofs.

University of Vermont Photography will take candid photographs of the event. A photo gallery will be posted on the December Commencement website shortly after December 15th for review and purchase.

COMMENCEMENT DVD
A 90-minute DVD of the December commencement ceremony will be available from the UVM Bookstore for $19.99 plus $7.99 shipping and handling (please allow 4 weeks for delivery). Orders may be placed online at http://uvmbookstore.uvm.edu/ or at the UVM Bookstore.

ON CAMPUS SNACKS AND REFRESHMENTS
Complimentary coffee service will be available in the Multipurpose Facility beginning at 7:00 a.m. A reception with light refreshments will be held in the Davis Center following the ceremony. Henderson's Café, also in the Davis Center, serves a selection of specialty coffees and will be open 10:00 a.m. – 3:00 p.m.

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 17.

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.

MAY 2013 COMMENCEMENT PROGRAM
All October and December 2012 graduates (those approved by the Faculty Senate in January 2013) will be included in the May 2013 commencement program along with any department awards and/or academic honors they have received. These students may request to receive one copy of the May 2013 commencement program by visiting the December commencement website (www.uvm.edu/~cmncmnt/decembercommencement/) and completing the on line form. Programs will be mailed after May 19, 2013.
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DEGREES HONORIS CAUSA

Carl H. Reidel
Doctor of Laws

Carl H. Reidel was a groundbreaking environmentalist and a revolutionary force at the University of Vermont. After graduating from the University of Minnesota with a degree in Forestry and Wildlife Science, Reidel became a District Forest Ranger with the U.S. Forest Service and later became Chief of Public Information for the Intermountain Region. From 1959 to 1966, he served as a 2nd Lt. in the Army National Guard in Nevada and Utah. Reidel received the honor of two Bullard Forestry Fellowships to Harvard and completed a Master of Public Administration (MPA) degree at the John F. Kennedy School of Government in 1964. The following year he returned to the Midwest where he earned a Ph.D. from the University of Minnesota in Natural Resources Policy and Administration. This marked the beginning of Reidel’s long and influential career as a professor and nationally recognized environmental policy advocate on the faculties of Minnesota, Williams, Harvard, Yale and the University of Vermont.

At UVM, Reidel launched the nation’s first university-wide interdisciplinary Environmental Program in 1972. He placed the university at the forefront of the environmental movement by advocating innovative environmental policies that are now standard practice. With the support of UVM President Edward Andrews, Reidel created a program that would engage scholars from across the disciplines and challenge them to work together to solve environmental problems. Under his visionary leadership, environmental studies advanced considerably and became a core aspect of UVM’s academic identity. His prescient interdisciplinary program expanded exponentially between 1988 and 1992 and continues to grow and serve as a talent magnet for faculty and students from around the world.

For Reidel, environmental activism grew naturally out of UVM’s commitment to liberal education. He wrote, “the liberal arts tradition is basically a commitment to enlightened life for all, through the search for truth and education. And the Land Grant tradition, to which we hold special claim, through the efforts of Vermont’s Senator Justin Smith Morrill, has a rich heritage of community action. UVM is a creative merger of the two.” One of the most influential aspects of Reidel’s legacy is the intertwining of all aspects of the environment with UVM’s educational mission.

Reidel also employed his considerable diplomatic abilities to advance the environmental movement through policy change. In addition to his academic career, Reidel served in the House of Representatives in the Vermont State Legislature from 1995-96; he was President of the American Forestry Association, Vice President of the National Wildlife Federation, Director of the National Parks Association, and the first Chair of the Citizen Advisory Committee on the Future of Lake Champlain. On the 20th anniversary of Earth Day, Reidel was awarded the U.S. Environmental Protection Agency’s Environmental Master Award along with U.S. Senator Robert Stafford.

The University is proud to continue Reidel’s work and to celebrate his extraordinary service to our institution, our state, and our nation with an honorary degree.

Theresa L. Tomasi
Doctor of Laws

Theresa L. Tomasi has dedicated her life to the welfare of children from across the country and around the world: she has adopted 27 children as a single mother. Her children have come from Ghana, Ecuador, India, Cambodia, Bangladesh, Canada and the U.S. In 1962 she adopted her first child, Tracy, in Canada after being repeatedly denied by adoption agencies in the US because she was a single parent. Several of her children have had medical problems and special needs. Her family and her community combined their efforts to support her with carpooling and rides to after-school activities as she cared for a large and diverse group of children; however, it is her commitment to providing a harmonious, organized, inclusive, and loving home for children in need that led to her success.

In addition to her accomplishments as a single parent, she had a distinguished career in social work. Tomasi worked tirelessly to assist Vermont children at risk. An alumna of UVM, Tomasi completed her Masters in social work at McGill in the early sixties. She served the State of Vermont for 11 years as a case worker for “Aid to Needy Families and Old Age Assistance” and “Committed Children” in Burlington. As Director of Social Services in the DeGosbriand Hospital and as Director of Social Services at Medical Center Hospital of Vermont (now FAHC), she served both hospitals for a total of 29 years. After leaving the hospital, she ran the Lund Center for 5 years before retiring to work at home with her children. She is proud to have established the first Child Protection Committee at the Medical Center Hospital of Vermont; this committee combined all of the relevant agencies pertaining to child services for the first time.
At home and throughout the State, Tomasi selflessly dedicated her energies to improving the lives of children. Among other notable awards, she has won the David Goldberg Award for Commitment to Improving the Lives of Vermont Children, the Child Protection Network Lifetime Achievement Award, and the Mother of the Year Angel in Adoption by the Congregational Coalition on Adoption Institute. Perhaps most importantly, her children have flourished and grown up to become pediatricians, restaurant owners, car mechanics, graduate students, and carpenters. Many of her children have settled in Vermont, and four of her daughters have attended or graduated from UVM. Tomasi is a local hero who has made a global impact.

KROEPSCH-MAURICE EXCELLENCE IN TEACHING AWARDS

Dryver Huston
Professor of Mechanical Engineering

Professor Dryver Huston received his Bachelor of Science in Engineering degree in 1980 from the University of Pennsylvania and his masters and doctorate degrees in civil engineering from Princeton University in 1983 and 1986, respectively.

During his 25 years at UVM, Professor Huston has taught a remarkable range of courses and continues to play a vital role in both undergraduate and graduate education in the Mechanical Engineering Program and the School of Engineering. He also holds a secondary appointment in Orthopedics and Rehabilitation.

Professor Huston has been involved in a variety of synergistic and interdisciplinary research activities. These have included designing ultrahigh precision machinery for semiconductor manufacturing, developing various instruments and techniques for the assessment of the health of large civil structures measurement, and for orthopaedic spinal mechanics, and the use of systems techniques for applied safety engineering for topics that include from hydrogen fuel infrastructure to clinical treatment of chronic diseases. Recent research initiatives include self-healing wire and cable insulation and self-healing pressure vessels.

With his expertise in fields such as bioengineering, materials, “smart” structures, remote sensing, and robotics, Professor Huston brings a wealth of working knowledge of real world applications to his classroom. A skill much appreciated by his students. For example, rather than simply writing equations on a chalkboard, Professor Huston’s lessons offer the fundamentals of determining the epicenter of an earthquake, understanding hurricane tracks in the North Atlantic or even Jimi Hendrix’s guitar experimentation explained as an infinite feedback loop.

Professor Huston has made the success and well-being of his students a priority and he is devoted to undergraduate and graduate advising and mentoring. He has helped countless students compete for scholarships and prizes, gain admission to graduate school and establish exciting and rewarding careers.

In the words of one student, “Dryver is a great man, a genius professor, but more than anything he is a friend.”

Lisa Holmes
Associate Professor of Political Science

Lisa Holmes, Associate Professor of Political Science, received her B.A. from the University of Vermont in 1991 and her masters and doctorate degrees from the University of Georgia in 1997 and 2001 respectively. She returned to UVM in 2002 to teach.

Professor Holmes specializes in judicial politics, constitutional law, gender and law, and American politics. Her research focuses on various issues surrounding the politics of appointing federal and state court judges. Her recent work on how presidents use judicial nominees to court favor with their partisan supporters and interested groups has been published in Presidential Studies Quarterly, American Politics Research, and the Drake Law Review. Her current project examines the implications of politicized appointment politics on the careers and attitudes of judicial nominees.

Professor Holmes serves as a pre-law advisor and has provided one-on-one advice to hundreds of students over the years. She is a member of the Women’s and Gender Studies Steering Committee since 2004 and an invaluable advisor for the Women’s and Gender Studies Program. She has helped many young women at UVM find meaningful careers by encouraging them, cultivating their talents, supervising their research projects and placing them in graduate and law school programs.

Professor Holmes is known for her energetic, sometimes boisterous and always information-packed lectures. She is a master at guiding engaging classroom discussions that cover the necessary material without the confines of a rigid outline. She clearly and effectively delivers her material in a manner that students easily understand without compromising intellectual rigor.

Professor Holmes is an exceptional classroom teacher, an ideal colleague and a committed mentor.
Jeremy Sibold
Assistant Professor of Rehabilitation and Movement Science

Jeremy Sibold received a Bachelor of Science degree in Sports Medicine and in Psychology from West Virginia Wesleyan College in 1996, a Master of Education from the University of Virginia in 1998 and a Doctor of Education in 2004 from West Virginia University.

Professor Sibold arrived at UVM in 2007 and is an assistant professor in the Rehabilitation and Movement Science Department where he teaches courses to both doctoral students in physical therapy and undergraduate students in athletic training and exercise and movement science. He is a nationally certified athletic trainer (ATC) and has spent the last 15 years in both clinical and academic settings.

His research interests include the relationship(s) between exercise and mental health, and predicting musculoskeletal injury using psychosocial variables. Specifically, Professor Sibold is looking to further define the relationship between exercise and psychological constructs including mood, anxiety, self-efficacy and learning. He feels strongly that exercise is an underused treatment adjunct in both healthy and clinical populations.

While at the university, Professor Sibold has played a critical role in developing new courses and the curriculum essential to the success of the Rehabilitation and Movement Science program in Exercise and Movement Science.

Professor Sibold has served as faculty advisor for Honors College theses, for independent research projects and has provided students with opportunities to work with him on his own funded research. His passion for research and skill in the classroom are credited with influencing many students in their decisions to pursue advanced degrees.

Angela Patten
Senior Lecturer

Angela Patten, received her Bachelor of Arts from the University of Vermont in 1986 and her Master of Fine Arts from the Vermont College of Fine Arts in 1996. She joined the university in 2001 and is currently a senior lecturer. Courses she has taught include Creative Writing, Expository Writing, Introduction to Fiction and Introduction to Poetry.

Ms. Patten's classes are focused, lucid and purposeful, with each element in service of making her students better readers and writers. Her lectures are well-organized and intellectually substantive but also fun and even inspiring. She is able to elicit from her students a high level of quality and participation.

Ms. Patten incorporates a variety of learning materials into her instruction and enhances the learning experience through the innovative use of technology. She strikes an unusually effective balance between the use of modern technology and human interaction within the classroom setting.

Ms. Patten is particularly successful at making her students feel comfortable sharing their personal writing. This is even more difficult in a classroom that includes students with a wide range of writing backgrounds and experiences. She is able to establish an almost immediate natural and easy rapport with her students, transforming her classroom into a safe-haven for creativity and growth. She is a positive but supportive critic and always inspires in her students a desire to produce their best work.

In the words of one student, “I am a better writer, reader, student and thinker, because of how and what Angela Patten taught.”

Ms. Patten is the recipient of a Vermont Arts Council Creation Grant (2007) and a Vermont Community Foundation Arts Endowment grant (2002). She was a finalist for the Pablo Neruda Prize for Poetry (Nimrod International) in 2007.
Honors College
S. Abu Rizvi, Dean

HONORS COLLEGE SCHOLARS
Laura Anne Dillon, Warren (CAS)
Andrew Winston Falion, Brattleboro (CAS)
Alyssa Morgan Hoyt, Manlius, NY (BSAD)
Megan Hazel Kelley, Fayettesville, NY (CAS)
Danielle Theresa Leahy, Middlebury (CAS)
Samuel Turner Mitchell, Plymouth, MA (CAS)
Hannah Louise Schoenberg, Montpelier (CAS)
Walter Chandler Stevens IV, Cincinnati, OH (CAS)
Bria Leigh Yazic, Riverhead, NY (CAS)

HONORS COLLEGE SCHOLARS
Laura Anne Dillon, Crooked: A Narrative in Collage. Advisor: Major Jackson, M.F.A.
Andrew Winston Falion, Palante: The Direct Action Campaigns of the Young Lords Party. Advisor: Melanie Gustafson, Ph.D.
Alyssa Morgan Hoyt, The Economics of “Buy Local” Consumption. Advisors: Richard Vanden Bergh, Ph.D. and Thomas Noordewier, Ph.D.
Megan Hazel Kelley, The Movement Against Mountain Top Removal Coal Mining in Appalachia. Advisor: Ellen Andersen, Ph.D.
Danielle Theresa Leahy, The Effects of Branched Chain Amino Acid and Nutrient Supplementation on Exercise Induced Delayed Onset Muscle Soreness. Advisor: Stephen Pintauro, Ph.D.
Hannah Louise Schoenberg, Effects of Learned Helplessness on Attentional Set-Shifting in Male Sprague Dawley Rats. Advisor: Sayamwong Hammack, Ph.D.
Bria Leigh Yazic, Addressee-Dependent Language Variation: Speech Patterns of AAE-speaking Preschoolers. Advisor: Julie Roberts, Ph.D.

CALS: College of Agriculture and Life Sciences, CAS: College of Arts and Sciences, BSAD: School of Business Administration

College of Agriculture and Life Sciences
Thomas C. Vogelmann, Dean

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Samuel John Murphy, Newport
John Louis Neri, Voorheesville, NY
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Regina M. Vitelli, Eastchester, NY*
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Martha Steingard Waterman, Charlotte
Kara Elizabeth Weir, Rutland
Rydel Swanson Welch, Brester, MA
Anna Elizabeth Wiens, Minnetonka, MN
Alan Christopher Wiley, West Tisbury, MA

COLLEGE HONORS: DISTINGUISHED UNDERGRADUATE RESEARCH
Danielle Theresa Leahy, The Effects of Branched Chain Amino Acid and Nutrient Supplementation on Exercise Induced Delayed Onset Muscle Soreness. Advisor: Stephen Pintauro, Ph.D.

*As of October, 2012
College of Arts and Sciences

Antonio Cepeda-Benito, Dean

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Jacob Paul Brennan, Burlington*
Alexander Dylan Bruce, Cape Elizabeth, ME
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Annie Sloan Doran, Charleston, SC*
Dwayne Vincent Dove, Turnersville, NJ
Kristin S. Engle, Richmond
Madison E. Esler, Slingerlands, NY
Jeroen Michiel Koolmees Fabrincant, Norwich
Andrew Winston Falion, Brattleboro
Emily Kathleen Ferguson, Forty Fort, PA
Colin Michael Flinn, Sandown, NH
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Maia Lily Hansen, Charleston
Mitchell Ryan Hansen, Bremerton, WA
Stephen Thomas Hart, Sharon, NY
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Kyle Matthew Herron, Burlington
Christopher J. Houck, Maple Shade, NJ
Jeffrey Robert Hudzik, Nantucket, MA*
Jasmine Aurora Hughes, Saint Johnsbury
Johanna Catherine Hyypia, Simsbury, CT
Cameron Alexander Ingepen, Peacham
David Jacques, Oakland, CA
Monica Ruth Johnson, West Warwick, RI
Suzanne Elise Kaigle, Newport*
Michael Lester Karch, Colchester
Danielle Kays, Wayland, MA*
Sarah Elizabeth Keller, Burlington
Megan Hazel Kelley, Fayetteville, NY
Robert Alan Kennedy, Canterbury, NH*
Laura Paige Kenney, Benson
Julie Ann Kent Jr., Boxford, MA*
Jin-Hwan Kim, Busan, Republic of Korea*
Ryan Max Kirkpatrick, Mount Laurel, NJ
Hannah Jean Kitzmiller, Norwich
Nancy Patricia Koch, Killington
Eleanor Krause, Bloomington, IN
Philip Edward Kubishe, Fairfax, VA*
Julianne LaBella, Piemont, NY*
Diane LaBerge, Charlotte
Eric Desmond LaCaille, Montpelier
Nicholas LaClair, South Burlington*
Noah G. Ladge, Brattleboro
Max Isaac Lambert, Montpelier*
Benjamin Robert Landry, Burlington
Jesse Allen Lee, Burlington*
Zachary Scott Leffler, Hinesburg
Lucy Le Garrec, Freeport, ME
Tamela J. Linzy, Washington, DC
John Martin Littert, Moultonborough, NH
George Loftus, Bar Harbor, ME
Jenna Rose Lorenzini, Essex Junction
August Tamalpais Lorwood, Pittsfield, NY*
Daniel Gordon Lovett, Stamford
Anna Kathleen Makouyi, Burlington
Emma L. N. Mallon, Burlington
Mitchell Aaron Manacek, Deerfield, IL
Emily Kristine Mangelsdorf, Shawnee, KS
Amy Marie Marshall, Burlington*
Sarah Mayo, South Burlington
Marta Helen McBean, East Dummerston
Lindsay E. McCoy, West Hartford, CT
Michael McNaughton, Windsor
Eamonn John Meisinger, Rutland*
Anel Merina, Sarajego, Bosnia Hercgovina
Svetlana Vasilevna Mikhayeva, Saint Albans
Patrick Brett Milliken, Burlington*
Andrew G. Minowicz, Dover, NH
Samuel T. Mitchell, Providence, RI
Brendan Mollica, Burlington
Cameron Moniz, Point Pleasant, NJ
Caithlin Siehban Moriarty, Manchester*
Christopher James Murphy,uppet Square, PA
Luke Neumann, Lexington, MA
Xinh Xinh Mina Nguyen, Morehead City, NC
William D. Northrop, Vergennes
Christine Campbell Ogden, Dartmouth, MA
Eva Okrent, Flinders, TX
Grant A. Olear, West Hartford, CT
Ian Alistair Oliver, Red Bank, NJ
Benjamin Hawkins Olsen, Bay Head, NJ
Emma Paradis, Middlesex
Zachary Michael Paul, Longmont, CO
Ashlee Renee Payne, Medford, NJ
Robert Eliot Peacock, Hanover, MA
Eric C. Peterson II, Westwood, MA
Olivia Barbara Peterson, New Britain, CT
Jens W. H. Pfarr, Washington, DC
Daniel T. Phelan, Hopkinton, MA*
Daphne Earl Politis, Scarborough, ME
Emily Victoria Poquette, Vergennes*
Matthew Ross Purley, Fair Lawn, NJ
Serach Eladu Ramu, Wilton, ME*
Laure Anne Richards, Pittsburgh, PA*
Samuel Mulholland Rodd, Bradford, NH
Angelia Marie Ronson, New York City, NY
Matthew O. Rosenthal, Boyston, MA
Miriam Christine Rothschild, Brattleboro
Julia M. Rowe, Saint Johnsbury
Christian Thomas Ryan-Pagan, Franklin Square, NY
Regina M. Saathoff, Underhill
Ashley Rose Sager, Hardwick
Dana Eve Saladoff, Ashland, OR
Miguel Sanchez Jr., Evanston, IL
Eliot Amba Sangara, Potomac, MD*
Ashley Tiber Sawyer, Cornwall
Alexander Travis Saylor, East Windsor, CT
Aaron William Schips, Greenwich, NY
Emily C. Schnitz, Huntington Station, NY
Edward Hogan Sennett, Bennington
Wesley Shaker, Lexington, MA
Sydney M. Sharpe, South Burlington
Hannah Vivian Shaw, Williston
Max Sefte-Jacobs, Golden, CO
David Aaron Shepard, Burlington*
Marshall T. Shepard, Brunswick, ME
David Andew Siegel, Moretown*
Jennifer Joyce Signorella, Dartmouth, MA
Olivia Paige Smaltz, Leicester, MA
Frank Joseph Smecker, Richmond
Alyssa Juliette Sorrentino, River Forest, IL
Charles Thomas Souchans, Waltington, CT
Brittany Muir Stevens, Colchester
Gillian Grace Stewart, Averill Park, NY
Sydney Dawn Stieler, Lewisburg, PA
Asher Fossum Sullivan, Stratton
Derek Thompson, Saint Albans
Matthew Parker Towne, Canton, CT
Marla Trapnell, Charlotteville, VA
Tobin Oliver Clark Trave, Tasiﬃle
Michaela Trenchard, Brattleboro
William Saylor Trowbridge, Peterborough, NH*
Quinton Bradford Tule, Milford, NH
Col K Tullien, Boston, MA*
Alema Turaflic, Burlington
Samuel James Uberti, New Haven, CT
James Underwood-Miller, Stockbridge, MA
Marianna Valerutti-McCue, White Plains, NY*

*As of October, 2012*
Kathryn Marie Vetter, Huntington Station, NY
Jeremiah Lucas Vogelman, Burlington
Courtney Alexandra Vuono, Pipersville, PA
Laura Walsh-Rogalski, Marblehead, MA
Michelle Marie Warner, Colchester*
Jessica Jean Waters, Brookfield*
Adeline Webb, Needham, MA
Trevor Burton Weeks, Wilton, CT
Kyla Whitney Westover, Waitsfield
Keren-happuch E. Wheeler, Swanton
Tyler Wilkinson-Ray, Burlington
Bria Leigh Yázic, Riverhead, NY
Sydney Leah Zeff, Stratford, NH
Efhemia Zgonis, Bedford, NH

BACHELOR OF SCIENCE
Alexa Algios, Glen Head, NY
Roy Adelbert Anderson, Rockingham
Karen Baptiste, Eastchester NY*
Lauren Kelly Bissonnette, Portsmouth, RI
James Andrew Christenson, Williston*
Cassandra Godzik, Rutland
Samuel Alexander Hellman, Norwich CT
Elizabeth R. Jackson, Ipswich, MA
Rye Thomas Matthews, Ferrisburgh*
Alan S. McCarthy, Jericho
Benjamin Mendez, Bronx, NY

COLLEGE HONORS
Mark Alexander, Ostrowski the Opportunist: Byelorussia’s Quisling and His Escape to the U.S.A.  Advisor: Susanna Schrafstetter, Ph.D.
Cassandra Godzik, Parent Depressive Symptoms, College Student Depressive Symptoms, and Physiological Stress Reactivity. Advisor: Jamie Abaied, Ph.D.
Diane LaBerge, Let the Witnesses be Interrogated: Non-Templar Witness Testimony in the Trial of The Templars in the British Isles 1308–1311. Advisor: Sean Field, Ph.D.
Danielle Theresa Leahy, The Effects of Branched Chain Amino Acid and Nutrient Supplementation on Exercise Induced Delayed Onset Muscle Soreness. Advisor: Stephen Pintauro, Ph.D.
Svetlana Vasilevna Mikheyeva, From Russia with Failure: Ben & Jerry’s Joint Venture in the Context of the Russian Business Environment. Advisor: Kevin McKenna, Ph.D.
T Tessera Eleanor Sheperd Strand, Kinetic Analysis on Escherichia coli Enzyme Equivalent of Human Histidyl-tRNA Synthetase Mutation Associated with an Usher-like syndrome. Advisor: Christopher Francklyn, Ph.D.

School of Business Administration
Sanjay Sharma, Dean

BACHELOR OF SCIENCE
Business Administration
Kyle C. Banfield, York, ME*
Abigail Catherine Beck, Gibsonia, PA
Matthew Bryant Betit, Whitingham
Matthew Alexander Chirno, South Hamilton, MA
Zachary Samuel Cohen, Ridgervood, NJ
Christopher D. Coppin, East Dorset
Alia Jaclyn Diamond, Bethesda, MD*
Nicholas W. Frazier, Saint Albans
Jonathan Charles Gross, Sheldon
Brittany V. Horowitz, East Queque, NY
Alyssa Morgan Hoyt, Manlius, NY
Adel Bagadatovna Iglilikowa, Burlington
Daniel Preston Leonard, Equinox, PA*
David Earl-Quinn Lieberman, Indianapolis, IN
Edward Adams Loring III, Rockport, MA*
Joseph Robert Losier, Glastonbury, CT*
Cameron Moniz, Point Pleasant Boro, NJ

COLLEGE HONORS
Alyssa Morgan Hoyt, The Economics of “Buy Local” Consumption. Advisors: Richard Vanden Bergh, Ph.D. and Thomas Noordewier, Ph.D.

Brendan Mollica, Burlington
Frederick Nicholas Naumann, Medfield, MA
Xinh Xin Nga Nguyen, Morehead City, NC
Kasey Lynn Permenter, Pennington, NJ
Robert Scott Pettersen, Montpelier
Matthew Patrick Ray, Potomac, MD
Kyle Russell Ruest, Roseley, MA
Paige Alyssa Ruiz, West Dover
Hannah Louise Schoenberg, Montpelier
Jason Scholz-Karabakakis, Burlington*
Walter Chandler Stevens IV, Cincinnati, OH
Tessera Eleanor Sheperd Strand, Sherborn, MA
Alexander Temple, Dover NH*
Gerardo A. Torres Flores, San Juan, Puerto Rico*
Alyssa Karges Turley, Montpelier

*As of October, 2012
College of Education and Social Services
Fayneese S. Miller, Dean

BACHELOR OF SCIENCE
Early Childhood Preschool
Katherine Donaldson Ostrow, New York, NY*
Ashley Elizabeth Sullivan, Fairfield
Naomi Miriam Trautmann, Old Lyme, CT

Early Childhood Special Education
Elizabeth C. Clavelle, Middlebury
Alexandra Catherine Wischert, Fairfax*

Family and Consumer Sciences
Melissa J. Stimson, Parsonsfield, ME*

Human Development and Family Studies
Caitlin Georgia Dennis-DeVries, South Strafford
Kelsea Raelynn Kuvaja, Greenland, ME
Julie Aviva Lehman, Methuen, MA*
Allison Michelle Myers, Ludlowville, MD*
Sara Louise Nelson, Bainbridge, NY
Danielle Susan Spaulding, South Burlington

Social Work
Abigail Marie Hutchinson, Randolph

BACHELOR OF SCIENCE
IN ART EDUCATION
Heather Leigh Daigle, Acton, MA*

BACHELOR OF SCIENCE
IN MUSIC EDUCATION
Holly Beth Mugford, Randolph

BACHELOR OF SCIENCE
IN EDUCATION
Patrick Joseph Cafferky, Richmond
Caitlin Laura Curran, Waterfield
Laura E. Durst, Woodstock, CT
Emily Leila Fuller, Jamaica
Kelsey Lee Floyd, South Burlington
Chelsea Linn Hawkins, Alton Bay, NH*
Johanna Catherine Hyypa, Simsbury, CT
Kristy Lynn Knott, St. Albans*

College of Engineering and Mathematical Sciences
Bernard F. Cole, Dean

BACHELOR OF SCIENCE
Civil Engineering
Genevieve Ellen Anthony, Barre
Daniel Thalner Bernard, Middletown, RI
Philip Charles Cannata, Burlington
Michael P. Gifford, Westminster
Claire Ellen Musser, Kennett Square, PA
Ryan Ethington Trudel, Shoreham

Environmental Engineering
Melissa Caliente, Wharton, NJ*
Derek Edward Madsen, Spencertown, NY
Danielle Frances Sylvia, Lynnfield, MA

Electrical Engineering
Po Han Chiang, Taipei, Taiwan
Mohamed El Bashir Metwally, Cairo, Egypt
Rudolph R. Raab, Middlebury*

Engineering Management
Alexander Chandler, Hubbardton
Andrew C. Mayo-Smith, Weston, MA

Mechanical Engineering
Vincent Russell Bassett, South Burlington
Gustaf Aaron Erickson, Kaitua, HI
Sten Paul Kaeding, Worcester
Curtis Leonard Kellogg, Stillwater, NY
Graeme Prentice MacKugler, Londonderry
Dakota McKay Pello, Marlboro*

Mathematics
Derek Ray Isaacs, White River Junction
Troy Bernard Norman, Rongata, New Zealand
Paul Charles Wright, Barnard

Mathematics Majoring in Statistics
Anton Osipov, Orekhovo-Zuevo, Russian Federation
Danielle E. Totten, Salisbury

Computer Science
Christoph Griesshammer, Topsfield, MA

*As of October, 2012
Rubenstein School of Environment and Natural Resources
Jon D. Erickson, Dean

BACHELOR OF SCIENCE
Ashley Elizabeth Andersen, Lake Bluff, IL
Will Bedford-Sutro, North Adams, MA
Edwin Bohman, West Hartford, CT
Katelyn Elizabeth Bushueff, Sunapee, NH
Anna Carragee, Saint Paul, MN
Nathan J. Clark, Emmaus, PA
Julie Ellen Coffey, Hollis, NH
Katelyn Rea Deppen, Virginia Beach, VA
Jeffrey Raymond Disbrow, Seymour, CT
Matthew Paul Duftee, Bethel
Emanuel Louis Eichholz, Merrick, NY
Joshua A. Etter, Wasefield, RI

Molly Eileen Fitzsimmons, Burlington
Andrew J. Godek, Jericho*
Rebekah Simone Gordon, South Burlington
Patrick Thomas Gorman, Middlesex, NJ
Jacob Bernard Gross, Mendham, NJ*
Adriane Beatrice Hedberg, Highland Park, IL
Kathryn E. Heterline, Block Island, RI
Calvin Paul Hoyt, Tunbridge*
Jeremy Francois Hulsey, Williston
Sean Robert Keleher, Woodstock
Eleanor Krause, Bloomington, IN
Ryan E. Lavoie, Swanton

Joshua Lloyd Leonard, Burlington
Alexander Julian Levy, Essex Junction
Ethan Andrew McCoski, Amsterdam, NY
DeWitt Ralph Rogers Jr, Decatur, GA*
Adam James Runne, Essex Junction
Samuel J. Schlepphorst, Hopkinton, NH
Andrew W. Shaw, Saint Albans
Joseph E. Smith III, Bondville
Wyatt Vargas, Waitsfield*
Melissa Wheeler, Roanoke, VA

College of Nursing and Health Sciences
Patricia A. Prelock, Dean

BACHELOR OF SCIENCE
Alternate Track – VT RN
Kelly Marie Lacalade, Essex Junction

Athletic Training Education
Laura-Marie Antonelli, Dumont, NJ
Christina E. Keating, West Bolton*

Communication Sciences and Disorders
Emily Aileen Cooke, Williston
Rachel Victoria Weiland, Marietta, GA

Exercise and Movement Sciences
Caitlin Whitlock, Tampa, FL

Medical Laboratory Sciences
Monique Joann Cardillo, Ashburnham, MA
Dominique Laliberte, Longmeadow, MA

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
Mark Patrick Alexander
Jasmine Aurora Hughes
Monica Ruth Johnson
Megan Hazel Kelley
Jack Martin Litterst
Emma L. Norman Mallon
Mitchell Aaron Manacek
Hannah Louise Schoenberg
Marshall Thomas Shepherd
Walter Chandler Stevens IV
Conner John Wingerter
Michael S. Witte
Bria Leigh Yazic

*As of October, 2012
Graduate College
Domenico Grasso, Dean

DOCTOR OF PHILOSOPHY

Biochemistry
Amy Marion Branagan, Georgia*
Dissertation: Mechanisms of Helicase Loading and Coordination of DNA Replication Initiation by Bacteriophage T4 GP59 Protein
Advisor: Dr. Scott Morrical
Laura Haynes, Burlington**
Dissertation: The Role of Flow in Regulating the Prothrombinase Complex
Advisor: Dr. Kenneth Mann

Cell and Molecular Biology
Maria Cristina Bravo, New Philadelphia, OH*
Dissertation: Understanding the Complexity of the Protein C Pathway
Advisor: Dr. Stephen Everse
Sherrill Lathrop Macura, Chelsea*
Dissertation: Characterization of the Biodistribution and Therapeutic Efficacy of Acid Prepared Mesoporous Spheres; an Antibody-Targeted, Drug-Loaded Localized Treatment for Malignant Mesothelioma
Advisor: Dr. Sally Huber
Benjamin Charles Stark, Inwood, IA**
Dissertation: Regulation of Schizosaccharomyces Pompe Myo2p via the Actin Track and Motor Stability
Advisor: Dr. Matthew Lord
Nicholas L. Villanueva, Mishawaka, IN*
Dissertation: Crystallographic Studies of Ligand Binding and Intermolecular Interactions
Advisor: Dr. Mark Roule

Chemistry
Kan Wu, Shanghai, China*
Advisor: Dr. William Geiger

Civil and Environmental Engineering
Courtney D. Giles, Schenectady, NY*
Dissertation: The Role of Plant and Bacterial Organic Anion Production in the Bioavailability of Myo-Inositol Hexakisphosphate: Implications for Soil Phosphorus Cycling and Agricultural Nutrient Mitigation
Advisor: Dr. Jane Hill
Lalita G. Oka, Mumbai, India*
Dissertation: Assessment of the Cyclic Stress Method for Liquefaction Potential Evaluation
Advisor: Dr. Mandar Dewolkar

Clinical and Translational Science
Sarah Gillett, Bedford, NH**
Dissertation: Examining Cognitive Decline in the Reasons for Geographic and Racial Differences in Stroke (REGARDS) Study: Methods, Risk Factors, and Biomarkers
Advisor: Dr. Mary Gushman

Computer Science
Lingbo Yu, Ningbo, China**
Advisor: Dr. Michael Rademacher

Education Leadership and Policy Studies
Laurie Michael Gelles, Burlington**
Dissertation: Measuring the Effects of Repeated Practice and Relevant Multisensory Stimuli on Information Encoding: Implications for Educational Practice
Advisor: Dr. Fayneese Miller

Electrical Engineering
Lei Chen, Guangxi, China*
Dissertation: Realizing Distributed Consensus Building in Wireless Sensor Networks
Advisor: Dr. Jeff Frolik
José Eduardo Cotilla Sanchez, Malaga, Spain*
Advisor: Dr. Paul Hines
Christopher Palombini, Woodcliff Lake, NJ*
Dissertation: Electromagnetic Precursors in Complex Layered Media
Advisor: Dr. Kurt Oughstun

Materials Science
Zhenwen Pan, Jiangmen, China*
Dissertation: Exciton States Symmetries and Magnetic Exchange in Crystalline Organic Thin Films
Advisor: Dr. Madalina Furis

Mathematical Sciences
Matthew D. Welz, Fredericksburg, VA*
Dissertation: Fusion Systems with Standard Components of Small Rank
Advisor: Dr. Richard Foote

Mechanical Engineering
Simtha Renjitham Sankaran, Nagercoil, India*
Dissertation: An Overset Grid Vorticity Transport Method for Flow Past Fixed and Moving Bodies
Advisor: Dr. Jeffrey Marshall

Microbiology and Molecular Genetics
Samantha Jennie Hyde, Palo Alto, CA*
Dissertation: Structural Investigations of tRNA(59)Guanyltransferases
Advisor: Dr. Sylvie Doublée
Pamela Jean Lescault, Whitman, MA**
Dissertation: Variance Decomposition of Neuroblastoma Gene Expression Profiles in Solid Tumor and Bone Marrow Metastases
Advisor: Dr. Jeffrey Bond
Minmin Liu, Xiamen, China*
Dissertation: Structure and Substrate Specificity of a Mouse NEIL 3 Ortholog
Advisor: Dr. Susan Wallace

Natural Resources
Anjanette L. DeCarlo, Huntington**
Dissertation: Sustainable Strategies for Implementing Development Assistance: Enterprise, Women’s Empowerment and NGO’s in Africa and the Diaspora
Advisor: Dr. Saleem Ali
Peter R. Pettengill, Burlington**
Dissertation: Managing Transportation in Parks and Outdoor Recreation
Advisor: Dr. Robert Manning

*As of October, 2012
Neuroscience

John Charles DeWitt, *Bradford*, MA*
Dissertation: The Role of Ciliary Neurotrophic Factor and TRKB Signaling in Neuroblastoma
Advisor: Dr. Rae Nishi

Gregory L. Engel, *Westfield, NJ*
Dissertation: Effects of Methylmercury on Notch Targets and Motor Nerve Development in Drosophila
Advisor: Dr. Matthew Rand

Jane A. Roberts, *Lyme, NH*
Dissertation: Mechanisms of Attenuated Purinergic Neuromuscular Transmission in the Inflamed Colon
Advisor: Dr. Gary Mawe

Michael Roland Williams, *Georgia**
Dissertation: Secretin-Modulated Potassium Channel Trafficking as a Novel Mechanism for Regulating Cerebellar Synapses
Advisor: Dr. Anthony Morelli

Plant Biology

Monique Alyssa McHenry, *Duxbury*
Dissertation: Systematics and Biogeography of Andean Ferns in the Genus *Polystichum* Roth (Dryopteridaceae)
Advisor: Dr. David Barrington

Plant and Soil Science

Katlyn Stillings Morris, *Harwich, MA***
Advisor: Dr. Ernesto Mendez

Tharshani Nishanthan, *Jaffna, Sri Lanka**
Dissertation: Ecology of Soybean Cyst Nematode-Suppressive Soils in Midwest Soybean-Cropping Systems
Advisor: Dr. Deborah Neher

Psychology

Julie Rachel Baer, *Burlington*
Dissertation: Psychopathology and Functional Impairment in Children with Subsyndromal Autistic Traits
Advisor: Dr. Robert Althoff

Matthew P. Bradstreet, *Kittery, ME*
Dissertation: A Human Laboratory Model of Initial Smoking Abstinence and Relapse Risk
Advisor: Dr. Stephen Higgins

Emily Priscilla Garai, *Dallas, TX*
Dissertation: Moderators of 12-Month Outcomes of a Family Group Cognitive Behavioral Intervention with Families of Depressed Parents
Advisor: Dr. Rex Forehand

Joanne Kalisz, *New Bedford, MA**
Dissertation: “Teen-ageism”: Adolescents’ Endorsement and Behavioral Confirmation of Stereotypes about Teens
Advisor: Dr. Carol Miller

Ana Victoria Kuny Slock, *Albuquerque, NM*
Dissertation: Characterizing Oppositional Behavior in Children: Latent Class Structure, Associated Psychopathology, and Adult Outcomes
Advisor: Dr. Robert Althoff

Shamila K. Lekka, *Grand Isle*
Dissertation: Pathways Explaining the Development of Parenting Behaviors in Fathers
Advisor: Dr. Susan Crockenberg

Theresa Maria Leyro, *Albany, NY* (Colyer College) 2004; *Hampden, ME*
Dissertation: The Interaction of Nicotine and Panic Disorder Status in the Prediction of Panic-Relevant Responding to a Biological Challenge
Advisor: Dr. Michael Zvolensky

Julia D. McCuade, *Somerville, MA*
Advisors: Dr. Dianna Murray-Close, Dr. Betsy Hoza

Yael Nillni, *Sharon, MA*
Dissertation: The Effect of Anxiety Sensitivity and Menstrual Cycle Phase on Panic-Relevant Responding to a Carbon Dioxide Challenge
Advisor: Dr. Kelly Rohan

DOCTOR OF EDUCATION

Educational Leadership and Policy Studies

Vivian Garay Santiago, *Barbark, CA*
Advisor: Dr. Dorian McCoy

Monica McEneny, *Middlebury*
Dissertation: A Teacher’s Journey to Adolescence: Scholarly and Personal Perceptions of Resilience at the Middle Level
Advisor: Dr. Robert Nash

MA STER OF ARTS

English

Noelle Brassev, *Windsor, CA*
Thesis: From the San Francisco Bay Area to New England: Grappling with White Privilege as a Biracial Graduate Student at UVM
Advisor: Dr. Greg Bottoms

Douglas Brantley Coker, *Daphne, AL*
Advisor: Dr. Valerie Rohy

Stephen Laird, *Burlington*
Thesis: Flying by the Nets: James Joyce and the Negotiation of Irish Cultural Hybridity
Advisor: Dr. Tom Simone

Kara Frances McCabe, *Waverly, CT***
Thesis: Remembering the Holocaust: Trauma, Language, and Memory
Advisor: Dr. Todd McGowan

Psychology

Jason R. Fuchs, *Stillwater, NJ**
Thesis: The Role of Voltage-gated Potassium Channel Kv1.2 in Eyeblink Classical Conditioning
Advisor: Dr. John Green

Mark Huneke, *New York, NY*
Thesis: Waiting Too Long to Respond: The Effect of Feedback Delay on the Interpretation of Intrapsychic Similarity Information
Advisor: Dr. Elizabeth Pinel

Margaret Kocho-Schellenberg, *Pleasantville, NY**
Advisor: Dr. Sayamwong Hammack

Caitlin Reilly Wagner, *Longmeadow, MA*
Thesis: Associations Between Relational Victimization and Adjustment in Females: The Moderating Role of Respiratory Sinus Arrhythmia Reactivity
Advisor: Dr. Jamie Abaied

MA S TER OF ARTS IN TEACHING

Schuyler Hoyt Allen, *Winooski*
Whitney Jaye Dubie, *Essex Junction*
Lucas Michael Foley, *Warren*
Katelyn R. Gates, *East Hampton, CT*
Michael Hendrix, *Florence, SC*
Erin M. Jackman, *New York, NY*
Gabriel T. McGann, *Burlington*
Stephen Robert Moore, *South Burlington*
Monica McEneny, *Middlebury*
Sean Murphy Naughton, *Lincoln, RI*
Johanna E.L. Pastel, *Albany, NY*
Andrew Charles Prowten, *Concord, MA*
Stephen Scheeler, *Glensville, NY***
Ellarda Ahmadova Silski, *Baku, Azerbaijan*
James Thurber, *Craftsbury*

*As of October, 2012
**MASTER OF BUSINESS ADMINISTRATION**
Karen Laber, Hadley, MA*
Ashley Lamell, Northfield**

**MASTER OF EDUCATION**
Curriculum and Instruction
Brittany Aubé, Glenmont, NY**
Germaine R. Bruso, Pittsford**
Melissa Mary Caligiuri, Essex Junction**
Brandi Corbett, Clarion, PA**
Nissa Kauppila, South Burlington*
Carol Hale Rowell, Albany*
Kayla Renee Toher, Proctor**

Interdisciplinary
Jaydeen Santos, Essex Junction**

Special Education
Keith D. Bouchard, Franklin**
Kaitlin Elizabeth Langelier, Fairfax**
Beth Anne Richey, Milton**
Tara J. Tanguay, Bethlehem, NH**

**MASTER OF PUBLIC ADMINISTRATION**
Gregory Alan Hanson, Pratt, KS**
Elizabeth Lynn Hunt, Barre*
Luce Mary Roy Hillman, Shelburne*

**MASTER OF SCIENCE**
Biochemistry
Sarah T. Abdalla, Lagos, Nigeria*
  Thesis: Identification of the Regions in Factor V Mediating its Endocytosis by Megakaryocytes to form the Unique Platelet-Derived Co-factor Molecule
  Advisor: Dr. Beth Bouchard

Biology
Heather Marie Czapla, Mystic, CT*
  Thesis: Cyclic Adenosine Monophosphate Receptors in Paramecium tetraurelia
  Advisor: Dr. Judith Van Houten

Nicholas M. De la Rua, New Orleans, LA*
  Thesis: Molecular Evolution of the North and Central American Triatoma
  Advisor: Dr. Lori Stevens

Mallory Plante Romanovitch, Florence, MA*
  Thesis: The L-Glutamate Receptor in Paramecium Tetraurelia
  Advisor: Dr. Judith Van Houten

Biomedical Engineering
Matthew David Christensen, Jericho**
  Thesis: Design and Evaluation of an Alternative Control Interface for Power Wheelchairs
  Advisor: Dr. Michael Rosen

Mary Ellen Harrison, Great Neck, NY*
  Thesis: Synthetic Feedback Loop for Increasing Microbial Biofuel Production Using a Biosensor
  Advisor: Dr. Mary Dunlop

Yijan Zheng, Shanghai, China**

Biostatistics
Manar Ali Alamoudi, Saudi Arabia*

Cell and Molecular Biology
William C. Diaz, Burlington*
  Advisor: Dr. Thomas Jetton

Andrew Menke, Essex**
  Thesis: A Functional Analysis of the Switch Helix Interchain Communication Domain of the Cyclic GMP Dependant Protein Kinase
  Advisor: Dr. Wolfgang Dostmann

Chemistry
Jessica Mendes Eisenhauer, Bristol, CT**
  Thesis: Simultaneous Determination of a Gas Phase Terpene and Selected Oxidation Products in the University of Vermont Environmental Chamber
  Advisor: Dr. Giuseppe Petrucci

Civil and Environmental Engineering
Ian Anderson, Vineyard, NJ*
  Thesis: Durability of Pervious Concrete with Fly Ash Subjected to Freeze-Thaw and Salt Exposure, in a Simulated Field Environment
  Advisor: Dr. Mandar Dewoolkar

Yi Ge, Colchester**
  Thesis: The Effect of Topography on Malaria Vector Mosquito Pools and an Assessment of Synthetic Aperture Radar as a Means to Model These Pools
  Advisor: Dr. Arne Bomblies

Kirk DuBois Shradar Jones, Cherry Hill, NJ**

Biostatistics
Manar Ali Alamoudi, Saudi Arabia*

Communication Sciences and Disorders
Betsy Grates Baker, Brookfield*
Megan M. Barette, Swanton*
Ashley Elizabeth Brua, Fair Haven*
Heather A. Carey, Rutland*
Heidi Gary, Milton*
Elizabeth Anne Cope, Brighten*
Michelle Laferriere, West Burke*
Stacey Lynn Moulton, Hyde Park*
Kara J. Tymon, Cambridge*

Community Development and Applied Economics
Florence Becot, Gévezé, France**
  Thesis: Making a Living Growing Vegetables in Vermont: Doing the Math for Long Term Profitability and Sustainability
  Advisor: Dr. David Conner

Jacqueline Reeves LeBlanc, Barre**
  Advisor: Dr. David Conner

Aikun Li, China**
  Thesis: Two Essays on Consumers’ Willingness to Pay for Food Attributes: Determinants and Implications
  Advisor: Dr. Qingbin Wang

Cristina Rose Mastrangelo, Bend, OR*
  Thesis: Green Transportation for Tourism: Assessing the Demand and Willingness to Pay for Eco-Labeled Services
  Advisor: Dr. Jane Kolodinsky

Ethan N. Thompson, Turner, ME*
  Advisor: Dr. Qingbin Wang

*As of October, 2012
Computer Science

Kameron Decker Harris, Salisbury*
Thesis: On-Off Threshold Models of Social Behavior
Advisor: Dr. Peter Dodds
Leona Sparaco, Binghamton, NY**

Mathematics

Pranect P. Menon, Burlington**
Thesis: A Diagnostics Approach to Helicopter Drive Train Systems
Advisor: Dr. Dryver Huston

Mechanical Engineering

Charles Asher Bettigole, Lakeville, CT*
Thesis: Normative Standards for Land Use in Vermont: The Effects of Social Norms on Wildlife Occupancy
Advisor: Dr. Therese Donovan

Natural Resources

John Midkiff, Colorado Springs, CO**
Thesis: Small Molecule Inhibitors of the Candida albicans Budded-to-lyphal Transition Act Through Multiple Signaling Pathways
Advisor: Dr. Douglas Johnson

Counseling

Martha Gold, Vail, Colorado*
Jenna Hoffert, Carrigan, ND*
Ko-Wei Hsu, Taipei, Taiwan*
Kendra Anne Marceau, Colchester*
Marilyn Metzger, Snobomish, WA*
Robert E. Schicker, Howell, MI*
Katherine Bauer Tyle, Burlington*
Alexandra Honor Yaniokski, Winooksi*

Electrical Engineering

William James Buchanan, Derby*
Thesis: Statistical Analysis of Wind Data and Modeling Regulating Reserves
Advisor: Dr. Paul Hines
Greggory P. Carpenter, Brandon*
Thesis: Towards the Development of a WSN/MAV Coupled Sensing System
Advisor: Dr. Jeff Frolik
Matthew John Casari, Waterbury*
Thesis: System Design of a Portable Ultrasound Particulate Sizer for In-Situ Engine Exhaust Monitoring
Advisor: Dr. Jeff Frolik
Katherine Gallo, Richmond*
Thesis: An Error Analysis of 3-D Electromagnetic Trackers
Advisor: Dr. Kurt Oughstun
Alexander Doster Hilshey, Hollidaysburg, PA*
Thesis: Electric Vehicle Charging: Distribution Transformer Impacts, Smart Charging, and Transportation Modeling
Advisor: Dr. Paul Hines
Mark C. H. Lamorey, Williston*
Joseph Zhou, Shanghai, China**

Geology

Christine Marie McNiff, Lawrence, MA*
Advisor: Dr. Laura Webb
Megan Thackeray Scott, Champaign, IL**
Thesis: Stratigraphic Evidence against Abrupt Tectonic Subsidence in the Middlebury Formation (Middle Ordovician), Western Vermont
Advisor: Dr. Char Mehrten
Jeffrey R. Webber, Bozeman, MT*
Thesis: Advances in Rock Fabric Quantification and the Reconstruction of Progressive Dike Emplacement in the Coastal Batholith of Central Chile
Advisor: Dr. Keith Klepeis

Historic Preservation

Kathryn Leigh Briscoe, Virginia Beach, VA
Lisa Claire Crompton, New Rochelle, NY
Andrew A. Evick, Greensburg, PA
Lucy Kathryn Hamer, Bedford, NH
Jenna Marie Lapachinski, Timers Falls, MA
Rachel Jean Peterson, Mankato, MN
Christine E. Prevolos, Brookfield, IL
Robyn Michelle Sedgwick, Hyde Park, NY
Julie Senk, Lynnfield, MA

Materials Science

Kasey Magill Hulvey, Shelburne*

Microbiology and Molecular Genetics

John Midkiff, Colorado Springs, CO**
Thesis: Small Molecule Inhibitors of the Candida albicans Budded-to-lyphal Transition Act Through Multiple Signaling Pathways
Advisor: Dr. Douglas Johnson

John Asher Bettigole, Lakeville, CT*
Thesis: Normative Standards for Land Use in Vermont: The Effects of Social Norms on Wildlife Occupancy
Advisor: Dr. Therese Donovan

Corinne L. Brauer, North Reading, MA*
Thesis: A Comparison of Acoustic Monitoring Methods for Common Anurans of the Northeastern United States
Advisor: Dr. Therese Donovan

Michelle L. Brown, Buffalo, NY*
Thesis: Predicting Impacts of Future Human Population Growth and Development on Occupancy Rates and Landscape Carrying Capacity of Forest-Dependent Birds
Advisor: Dr. Therese Donovan
Elizabeth Freeman Calabrese, Burlington*
Kimberly Coleman, Ryegboro, MA*
Advisor: Dr. Cecilia Danks
Ruth Hollister Howard, Wilton, CT*
Advisor: Dr. Austin Troy
Graham E. Leitner, Waterbury*
Alison Nihart, Canandaigua, NY**
Thesis: Identifying a Cohesive Urban Agriculture Policy for Burlington, VT
Advisor: Dr. Stephanie Kaza
Charles Asher Bettigole, Lakeville, CT*
Thesis: Normative Standards for Land Use in Vermont: The Effects of Social Norms on Wildlife Occupancy
Advisor: Dr. Therese Donovan

Emily Tyson Russell-Roy, Milton, MA*
Thesis: Rehabilitation Forestry and Carbon Market Access on Overharvested, Former Industrial Northern Hardwood Forests
Advisor: Dr. Jennifer Pontius
Verónica Sosa-González, San Juan, PR.*
Thesis: Determining Long Term Erosion Rates in Panama: An Applicator of "Be
Advisor: Dr. Paul Bierman
Aiko S. Weverka, San Francisco, CA*
Thesis: Remote Sensing of Productivity in Northeastern Forests
Advisor: Dr. Jennifer Pontius
Katharine M. White, Springfield*
Thesis: Remote Sensing of Spring Phenology: An Assessment of Methods, Indices, and Field Metrics in Northeastern Forests
Advisor: Dr. Jennifer Pontius

Kasey Magill Hulvey, Shelburne*
Thesis: Effects of Forest Fragment Characteristics on Mesocarnivore Presence in the Champlain Valley, Vermont
Advisor: Dr. James Murdoch

*As of October, 2012
Aaron Z. Witham, *Burlington*  
Thesis: Inter-organizational Issue Networks Concerned with Sustainable Transportation Policy: An Examination of Maine, New Hampshire, and Vermont  
Advisor: Dr. Stephanie Kaza

Helen D. Yurchenco, **Shillman, NJ**  
Thesis: Impacts of Removing Snow and Understory Vegetation on Soil Properties, and the Abundance and Biodiversity of Ground-dwelling Insects and Snails  
Advisor: Dr. Kimberly Wallin

Nursing
Joseph Matthew Boone, **Richford**  
Thesis: Nurse Practitioners’ Perceived Barriers in Diabetes Type 2 Prevention in High Risk Patients  
Advisor: Dr. Hendrika Malby

Loretta Charles, St. Albans, NY**  
Thesis: Expanding Worldview: Australian Nursing Students’ Experience of Cultural Immersion in India  
Advisor: Dr. Hendrika Malby

Stacey Lynn Dupuis, **South Burlington**  
Thesis: Analyzing the Myers-Briggs Type Indicators of Nurse Practitioner Students Entering Primary Care  
Advisor: Dr. Betty Rambur

Courtney Ashburn Ellis, **Jericho****  
Thesis: The Role of the Father in Health Promotion of Overweight and Obese Pre-adolescents  
Advisor: Dr. Jennifer Laurent

Ashley K. Gerrish, Montpelier**  
Jessica Lynn Jannette, Chilton, WI**  
Carla Ann Kolesar, Gloucester, MA**  
Colleen Linari, Berlin**  
Shara Tarule, Underhill**  
Thesis: The Experiences of Nurse Practitioners who are Represented by a Nurses’ Union  
Advisor: Dr. Jennifer Laurent

Christina Tourangeau, Sheldon**  
Dianne Villani, Richmond**  
Ruth Willis, Williston*  
Thesis: The Importance of Place: Examining the Association of Sidewalks and Diabetes Management in a Rural State  
Advisor: Dr. Betty Rambur

Pathology
Matthew J. Randall, *Miller Place, NY*  
Thesis: Acrolein in Epithelial Redox Signaling: The Role of Thioredoxin Reductase 1  
Advisor: Dr. Albert van der Vliet

Plant Biology
Mark Louis Isselhardt, *Bennington*  
Thesis: Carbohydrate Reserves and Growth Response in Sugar Maple (Acer saccharum) Under Two Levels of Spring Xylem Sap Extraction  
Advisor: Dr. Timothy Perkins

Stacy A. Jorgensen, **Winooski***  
Thesis: An Investigation of the Genetic Diversity and Evolutionary History of the Allotetraploid Fern Polystichum braunii (Dryopteridaceae)  
Advisor: Dr. David Barrington

Plant and Soil Science
Eamon John Twohig, *Spokane, WA*  
Thesis: Evaluating Methane Emissions from Dairy Treatment Constructed in a Cold Climate  
Advisor: Dr. Aleksandra Drizo

Kristin Williams, **Fairlee****  
Thesis: Spatial Effects of Roads on Soil Nematode Communities in Forested Areas of Vermont  
Advisor: Dr. Deborah Neher

Statistics
Xirun Chen, *Colchester**

MASTER OF SCIENCE IN DIETETICS
Jessica R. Aragona, Scotia, NY*

MASTER OF SOCIAL WORK
Katrin Tchana, Lyme, NH*

CERTIFICATE OF GRADUATE STUDY
Complex Systems
Narine Manukyan*

Ecological Design
Kirk DuBois Shrader Jones**

Ecological Economics
Aaron Z. Witham*

Interdisciplinary Study of Disabilities
Stephen M. Pomeroy*

Sustainable Transportation Systems & Mobility
Phoebe Spencer*

* October 2012 Graduate  
** January 2012 Graduate
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..............................................................Lilac
Economics..........................................................Copper
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 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

<table>
<thead>
<tr>
<th>Color</th>
<th>College Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maize</td>
<td>College of Agriculture and Life Sciences</td>
</tr>
<tr>
<td>White</td>
<td>College of Arts and Sciences</td>
</tr>
<tr>
<td>Drab</td>
<td>School of Business Administration</td>
</tr>
<tr>
<td>Light Blue</td>
<td>College of Education and Social Services</td>
</tr>
<tr>
<td>Orange</td>
<td>College of Engineering and Mathematical Sciences</td>
</tr>
<tr>
<td>Green and Gold</td>
<td>Graduate College</td>
</tr>
<tr>
<td>Green</td>
<td>College of Medicine</td>
</tr>
<tr>
<td>Russet</td>
<td>The Rubenstein School of Environmental and Natural Resources</td>
</tr>
<tr>
<td>Yellow</td>
<td></td>
</tr>
<tr>
<td>Seafoam</td>
<td>College of Nursing and Health Sciences</td>
</tr>
</tbody>
</table>

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.
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!