

The College of Arts and Sciences
at the
University of Vermont

Honors Ceremony

2010

*Music performed by David Neiweem,
Professor of Music, University Organist and Carillonneur*

Film Lake Studies: Meditations on Lake Champlain Daniel Lusk

Prelude Fanfare for Organ Jacques Lemmens
Processional Pomp and Circumstance Edward Elgar

Welcome: Eleanor M. Miller, Dean and Professor of Sociology

Guest Speaker: Daniel G. Lusk, Senior Lecturer, English Department

As a teacher and lecturer, Daniel Lusk has conducted workshops and seminars for students and teachers in more than 200 schools, colleges, and art centers across the nation. He has presented readings of his work at the Folger Shakespeare Library, the Renwick Gallery (Washington, D.C.), and at state universities of Missouri, Wisconsin, Oklahoma, Wyoming, Montana, Delaware, South Dakota and Vermont.

Recipient of many awards and fellowships, as a critic his syndicated reviews and commentaries on books have been broadcast by 160 affiliate stations of National Public Radio, and his book reviews have appeared in *The Philadelphia Inquirer*, *Chicago Sun-Times*, and other print media.

Daniel lives with his wife, poet Angela Patten, in Jonesville, Vermont. He teaches poetry and creative writing at the University of Vermont.

Phi Beta Kappa

Remarks: Joel M. Goldberg, Associate Dean and Associate Professor of Chemistry

College of Arts and Sciences Undergraduates Elected to Membership

Elected Spring 2009

Laura Oakes Cannon French
Kameron Decker Harris Physics

Elected Fall 2009

Tyler Mills Aten Biology
Logan L. Bartram Anthropology
Keiti Elizabeth Botula Spanish
Zoe Anastasia Chapman Psychology
Kate E. Connolly Economics & Spanish
Alice Flynn Ford Mathematics
Ashley Elizabeth Holmes Economics
Daniel Mark Koenemann Biology
Alison Rae Krywaczyk Biology
Alexander Daniel Morgan Film and Television Studies
Sam David Paskin-Flerlage Biology
Megan Marie Peterson History & Political Science
Robin Gale Rioux Economics
Kayla D. Sainato History
Jesse Young Sendra Classical Civilization
Umer Farooque Shaikh Philosophy & Classical Civilization
Jae Nicholas Vick English
Katherine E. Ward English

College Honors

Remarks: Daniel Krymkowski, Associate Dean and Associate Professor of Sociology

Anthropology

James Allen ~ *Childhood Illness in Tiwanaku Society: Comparisons of the Incidence and Timing of Linear Enamel Hypoplasias*

Faculty Advisor: **Deborah Blom**, Associate Professor of Anthropology

Anne Angarola ~ *Action From Ireland and the Corrib Gas Controversy: A Case Study in the Use and Significance of Solidarity in Development NGO Methodology*

Faculty Advisor: **Benjamin Eastman**, Assistant Professor of Anthropology

Logan Bartram ~ *Evidence for Modern Human Behavioral Origins on the Southern African Coast*

Faculty Advisor: **Scott Van Keuren**, Assistant Professor of Anthropology

Carey Dunfey ~ *The Makings of a Movement: Oaxaca's Sociopolitical Uprising 2006 and Beyond*

Faculty Advisor: **Luis Vivanco**, Associate Professor of Anthropology

Aziz Fatnassi ~ *Indexing Meaning: Code Switching in Tunisi*

Faculty Advisor: **Emily Manetta**, Assistant Professor of Anthropology

Rachel McNeil ~ *English Loanwords in Japanese: Usage, Attitudes and Effects in Japanese Conversation*

Faculty Advisor: **Emily Manetta**, Assistant Professor of Anthropology

Sarah Miller ~ *Use of Linguistic Features among Refugee Children*

Faculty Advisor: **Emily Manetta**, Assistant Professor of Anthropology

Samantha Weinberg ~ *A Preserved Look into the Past: Understanding the Villa of the Papyri through Philodemus*

Faculty Advisor: **Scott Van Keuren**, Assistant Professor of Anthropology

Samuel Werbel ~ *Participant-Observers or Participant-Soldiers: The Role of Anthropologists in the Military*

Faculty Advisor: **Benjamin Eastman**, Assistant Professor of Anthropology

Art and Art History

Art History

Samuel Mansour ~ *I'm in the Milk, and the Milk's in Me*

Faculty Advisor: **Anthony Grudin**, Assistant Professor of Art History

Studio Art

Justine Cohen ~ *Dicks-y Land*

Faculty Advisor: **Nancy Dwyer**, Associate Professor of Art

Biology

Kevin Argentero ~ *A Continued Improvement of Quality Patient Care: An Investigation of the Barriers and Motivators of Pre-hospital Vital Signs Documentation in the Rural Vermont EMS System*

Faculty Advisor: **Jennifer Strickler**, Associate Professor of Sociology

Tyler Aten ~ *Identification of a Novel Cooperative Activity between the Proto-oncogenic Src Family Kinases and Crk/CrkL Signaling Protein Families*

Faculty Advisor: **Bryan Ballif**, Assistant Professor of Biology

Zachary Borg ~ *The Role of NKT Cells as Modulators of the Immune Response to Lipopolysaccharide in Vivo*

Faculty Advisor: **Joseph Schall**, Professor of Biology

James Candon ~ *Increased Susceptibility of Emphysema in TIMP-2 Deficient Mouse Strains*

Faculty Advisor: **Eugene Delay**, Associate Professor of Biology

Michael Ellis ~ *Triploid Optimizaion in Brook Trout (*Salvelinius fontinalis*) and the Effects of Triploidy on Fingerling Growth and Oxygen Consumption*

Faculty Advisors: **Nicholas Gotelli**, Professor of Biology, and **Ellen Marsden**, Professor of Fisheries, The Rubenstein School

Alice Ford ~ *Changes in the Relative Abundances of Clones in Genetically Complex Plasmodium Infections*

Faculty Advisor: **Joseph Schall**, Professor of Biology

Karl Hinrichs ~ *Detection of Legionella Volatile Metabolite Fingerprint Using Electrospray Ionization – Mass Spectrometry*

Faculty Advisors: **Jane Hill**, Assistant Professor, College of Engineering, and **Bryan Ballif**, Assistant Professor of Biology

Katharine Hopkins ~ *Self-Organization and Communication: Exploring the Underlying Mechanisms of Harvester Ant Refuse Removal*

Faculty Advisor: **Sara Helms Cahan**, Assistant Professor of Biology

Katherine Jerome ~ *Age Estimation of Live Little Brown Bats and Big Brown Bats Using Telemore Measurement by Quantitative PCR*

Faculty Advisor: **William Kilpatrick**, Professor of Biology

Alison Krywaczyk ~ *A Retrospective View of Vermont Suicides: 2003–2008*

Faculty Advisors: **Steven Shapiro**, Clinical Assistant Professor of Pathology, and **William Kilpatrick**, Professor of Biology

Raymond Lee ~ *Regulation of MicroRNA Expression Profiles by Tumor Suppressor Gene Dipeptidyl Peptidase: Implications for Inhibition of Angiogenesis in Neuroblastoma Cells*

Faculty Advisors: **Umadevi Wesley**, Research Assistant Professor, College of Medicine, and **Bryan Ballif**, Assistant Professor of Biology

Jessica Lowe ~ *Characterization of Cytochrome P450 Cyp6g1 as a Methylmercury Tolerance Gene in Drosophila melanogaster Biology*

Faculty Advisors: **Matthew Rand**, Research Assistant Professor, Anatomy/Neurobiology, and **Eugene Delay**, Associate Professor of Biology

Samuel Paskin-Flerlage ~ *Characterization of the Spatial Expression of Flightin among Arthropods: An Evolutionary Investigation of the Specialization of a Flight Muscle Protein*

Faculty Advisor: **Jim Vigoreaux**, Professor of Biology

Amanda Wildermuth ~ *The Effects of Interspecific Hybridization on Foraging*

and Competitive Ability in Fire Ants S. geminata and S. xyloni
Faculty Advisor: **Sara Helms Cahan**, Assistant Professor of Biology

Chemistry

Jonathan Hulce ~ *Small Molecules Designed to Inhibit the Binding of Endogenous Prototoxins to Nicotinic Acetylcholine Receptors*

Faculty Advisor: **Paul Krapcho**, Professor Emeritus of Chemistry

Matthew Robichaud ~ *Low Temperature Novel Cycloaromatization*

Faculty Advisor: **Thomas Hughes**, Assistant Professor of Chemistry

Classics

Keith Williams ~ *The Changing Power of Faith: Religion and Rule in Imperial Rome*

Faculty Advisor: **Barbara Rodgers**, Professor of Classics

Tyler Mayo ~ *Thales: The First Philosopher of the Western World?*

Faculty Advisor: **John Franklin**, Assistant Professor of Classics

Communication Sciences

Naomi Hertsberg ~ *Differences of Pitch Rise in the Disfluencies of Preschool-Age Children Who Do and Do Not Stutter*

Faculty Advisor: **Barry Guitar**, Professor of Communication Sciences

Madeline Shellgreen ~ *The Language Ideology of Vermont High School Students*

Faculty Advisor: **Julie Roberts**, Professor of Communication Sciences

Economics

Katherine Gaire ~ *Two-Sided Matching Mechanisms in Facebook Friendships*

Faculty Advisor: **Richard Sicotte**, Associate Professor of Economics

Ashley Holmes ~ *Early Industry Evolution: United States Air Carriers, 1929-1935*

Faculty Advisor: **Richard Sicotte**, Associate Professor of Economics

Kevin Issadore ~ *Revenue and Wins as a Measure of Team Efficiency in Major League*

Faculty Advisor: **Richard Sicotte**, Associate Professor of Economics

English

Jessica Bartlett ~ *Camille*

Faculty Advisor: **Greg Bottoms**, Associate Professor of English

Calla Bischoff ~ *The Sanitization of the Brothers Grimm: A Modernization of Gothic Fairy Tales*

Faculty Advisor: **Paul Martin**, Assistant Professor of English

Rachel Conrad ~ *Transforming Tuberculosis: A Brief History of Literary Consumption and Henry James's "The Wings of the Dove"*

Faculty Advisor: **Elizabeth Fenton**, Assistant Professor of English

Thessalea Heinrichs ~ *Performing Femininity and Sex Role Stereotypes in the Fiction of Margaret Atwood*

Faculty Advisor: **Eric Lindstrom**, Assistant Professor of English

Kate Hillyard ~ *Versions of Modernism: The Culture of the South through the Eyes of William Faulkner*

Faculty Advisor: **Andrew Barnaby**, Associate Professor of English

Megan Marriner ~ *We Have Brains Too: A Zombie's Struggle for Suffrage*

Faculty Advisor: **Jinny Huh**, Assistant Professor of English

Kathryn Moritz ~ *Our Medium: A Narrative Exploration of the Body in a Foreign Environment*

Faculty Advisor: **Lisa Schnell**, Associate Professor of English

Jae Vick ~ *Gendered Non-narration in Henry James*

Faculty Advisor: **Daniel Mark Fogel**, President and Professor of English

Ariel Wengroff ~ *The Disquieting Muse*

Faculty Advisor: **Philip Baruth**, Professor of English

Environmental Studies

Tyler Buswell ~ *Sheep Mania in Vermont: An examination of the Nineteenth-Century Vermont Sheep Raising Industry and Its Implications on State Agriculture, Environment, and People*

Faculty Advisor: **Stephanie Kaza**, Professor and Director of Environmental Studies, The Rubenstein School

Pamela Coggins ~ *An Ethnographic Study of Wild Food Gathering and Traditional Ecological Knowledge in Downeast Maine*

Faculty Advisor: **Katharine Anderson**, Lecturer, The Rubenstein School

Lindsey Gillies ~ *Beyond Fair Trade: An Exploration of Alternatives in Cacao Trade*

Faculty Advisor: **Richard Paradis**, Lecturer, The Rubenstein School

Film and Television Studies

Stephanie Harris ~ *A Critique of Life through M. Night Shyamalan's Films*

Faculty Advisor: **Hilary Neroni**, Associate Professor of English

Alexander Morgan ~ *Bandingus Rex*

Faculty Advisor: **Deborah Ellis**, Assistant Professor of English

German and Russian

Megan Luttrell ~ *By What Men Live: A Russian Formalist Examination of Peasant Speech in Leo Tolstoy's Novels, War and Peace and Anna Karenina*

Faculty Advisor: **Kevin McKenna**, Professor of Russian

Elizabeth Petow ~ *Class and Change in The Cherry Orchard*

Faculty Advisor: **Kevin McKenna**, Professor of Russian

History

Bailey Adie ~ *Sex and the Elizabethan: Expressions of Sexuality during the*

Reign of Elizabeth I (1558–1603)

Faculty Advisor: **Paul Deslandes**, Associate Professor of History

Tavid Bingham ~ *Deconstructing Domino Fear: The Reagan Doctrine and Nicaragua*

Faculty Advisor: **Nicole Phelps**, Assistant Professor of History

Lauren Buck ~ *Mary I: Her Personal Politics and Definitions of Queenship*

Faculty Advisor: **Paul Deslandes**, Associate Professor of History

Kara DeDonato ~ *Defining White Female Gender Roles: The Work of the Puritan Captivity Narrative*

Faculty Advisor: **Jacqueline Carr**, Associate Professor of History

Kristin Fioretti ~ *Thomas Jefferson's World of Race, Slavery, and Sex*

Faculty Advisor: **Harvey Amani Whitfield**, Associate Professor of History

Amadeus Kaelber ~ *"Mobilize Our Black Power": The Struggle for National Liberation in Namibia and South Africa: 1960 to the Present*

Faculty Advisor: **Sean Stilwell**, Associate Professor of History

Samuel Lopez–Barrantes ~ *The Jewish Councils of Occupied Poland and the Evolution of Historical Interpretation*

Faculty Advisor: **Jonathan Huener**, Associate Professor of History

Katherine McClintic ~ *Elisian England: Clinging to an Idyllic Image of a Thoroughly Industrialized War*

Faculty Advisor: **Paul Deslandes**, Associate Professor of History

William Morache ~ *Themes of Labor in the Socialism, Art, and Literature of William Morris*

Faculty Advisor: **Paul Deslandes**, Associate Professor of History

Chinh Ngo ~ *A Man's Man: Masculinity, Sexuality, and the Queer Other in Twentieth–Century American College Fraternities*

Faculty Advisor: **Paul Deslandes**, Associate Professor of History

Alison Stout ~ *The Collapse of the Weather Underground*

Faculty Advisor: **Harvey Amani Whitfield**, Associate Professor of History

Kirstin Tiffany ~ *Friction in France: Tensions Between French Jews and Foreign Jews Prior to the Occupation*

Faculty Advisor: **Steven Zdatny**, Professor of History

Individually Designed Major

Alexandra Fisher ~ *Human Security: The Necessary Paradigm for Development and Case Study in South Sudan*

Faculty Advisor: **Travis Nelson**, Assistant Professor of Political Science

Philosophy

Michael Carrick ~ *Kierkegaard's Conception of Despair and the Role of Responsibility in The Sickness Unto Death*

Faculty Advisor: **Terence Cuneo**, Assistant Professor of Philosophy

Brendan Hamilton ~ *Killing the Innocent in Self-Defense*

Faculty Advisor: **Tyler Doggett**, Assistant Professor of Philosophy

Umer Shaikh ~ *On Virtue and Inquiry in Plato's Meno*

Faculty Advisor: **William Mann**, Professor of Philosophy

Alexander Shephard ~ *The Role of the Agent in Causing Action*

Faculty Advisor: **Randall Harp**, Assistant Professor of Philosophy

Physics

Keith Zengel ~ Computational Investigation of the Role of Electrostatic Fields in Ligand Migration in O₂-binding Metalloproteins

Faculty Advisor: **Kelvin Chu**, Associate Professor of Physics

Plant Biology

Daniel Koenemann ~ *The Fiddlehead Fern (Matteuccia struthiopteris)*

Faculty Advisor: **David Barrington**, Professor of Plant Biology

Political Science

Kelsey Aroian ~ *State Weakness and Failure in the Twenty-first-Century: Challenging Contemporary Humanitarian Aid Policies*

Faculty Advisor: **Travis Nelson**, Assistant Professor of Political Science

Caryn Devins ~ *Economic Survival Mode and Its Detrimental Effect on the Rule of Law: A Case Study in Argentina*

Faculty Advisor: **Caroline Beer**, Associate Professor of Political Science

Amy Johnson ~ *American Habeas Corpus Rights for Non-U.S. Citizens in a Time of War?*

Faculty Advisor: **Lisa Holmes**, Associate Professor of Political Science

Job Larson ~ *Reconciling the Contemporary Science of Human Behavior with Political Science: A critical analysis of Steven Pinker's theories and their implications for political scientists*

Faculty Advisor: **Patrick Neal**, Associate Professor of Political Science

David Laurendeau ~ *How China and the United States View Each Other: an Analysis of Public Opinion*

Faculty Advisor: **Matthew Carlson**, Assistant Professor of Political Science

Cassandra Magliozzi ~ *Justice Anthony Kennedy's Jurisprudence and Defining the Right of Privacy*

Faculty Advisor: **Ellen Andersen**, Associate Professor of Political Science

Madeline Murphy-Hall ~ *Citizens and Subjects: Women's Rights in the Middle East*

Faculty Advisor: **Peter VonDoepp**, Associate Professor of Political Science

Rachel Shapiro ~ *Breaking Down Political Opportunity: Framing and Emotion in the American Conservative Movement*

Faculty Advisor: **Ellen Andersen**, Associate Professor of Political Science

Catherine Sokoloff ~ *Promoting Peace with Empowerment: The Role of Women in Ethnic Conflict*

Faculty Advisor: **Peter VonDoepp**, Associate Professor of Political Science

Psychology

Megan Benay ~ *Relational Aggression, Physical Aggression, and Anxiety and Apprehended and Non-apprehended Adolescent females*

Faculty Advisor: **Timothy Stickle**, Associate Professor of Psychology

Julia Camuso ~ *The Effects of Different Types of Hormonal Contraceptives on Sexual Desire*

Faculty Advisor: **Alessandra Rellini**, Assistant Professor of Psychology

Zoe Chapman ~ *Predictors of Mental Health Outcomes among a Sample of Churchgoing Catholics*

Faculty Advisor: **Kelly Rohan**, Associate Professor of Psychology

Isaac Grosfeld-Katz ~ *Pushing Through the Pain – Pain Tolerance as a Function of Social Contact*

Faculty Advisor: **Elizabeth Pinel**, Associate Professor of Psychology

Benjamin Karren ~ *Effects of Perfectionism, Family and Teacher-Student Relationships on Undergraduate Academic Functioning*

Faculty Advisor: **Keith Burt**, Assistant Professor of Psychology

Elizabeth McCallion ~ *The Effects of a Group Mindfulness Intervention in Reducing Experiential Avoidance*

Faculty Advisor: **Lynne Bond**, Professor of Psychology

Erin McGee ~ *Changes in Serotonin Receptor Binding in the Bed Nucleus of the Stria Terminalis following Voluntary Exercise in Mice*

Faculty Advisor: **William Falls**, Associate Professor of Psychology

Jessica Odotei ~ *Learned Helplessness in Female Rats*

Faculty Advisor: **Donna Toufexis**, Assistant Professor of Psychology

Hayley Perelman ~ *fMRI to Investigate the Effects of Chill-Inducing, Pleasant Music on Acute Pain in Healthy Volunteers*

Faculty Advisors: **Magdalena Naylor**, Professor of Psychiatry and **Keith Burt**,

Assistant Professor of Psychology

Sarah Roberts ~ Long-term Impacts of Childhood Maltreatment on Men's and Women's Adult Sexual Behavior

Faculty Advisor: **Alessandra Rellini**, Assistant Professor of Psychology

Elizabeth Schrader ~ *The Role of Corticotrophin-Releasing Factor in Fear Reinstatement of Lactating Female Rats*

Faculty Advisor: **Donna Toufexis**, Assistant Professor of Psychology

Kathryn Towers ~ *Effects of Short-term Exercise on Learning and Consolidation of Conditioned Fear in Mice*

Faculty Advisor: **William Falls**, Associate Professor of Psychology

Romance Languages

Katherine Botula ~ *No Sacred Place, a Translation of Rodrigo Rey Rosa's Original Work*

Faculty Advisor: **Gayle Nunley**, Associate Professor of Romance Languages

Sociology

Kieran Fane-Hervey ~ *Social Networking: A Qualitative Study of Social Networking Connections among UVM Students*

Faculty Advisor: **Thomas Streeter**, Associate Professor of Sociology

Theatre

Erin DeLaMater ~ *The Birth of American Women's Theatre*

Faculty Advisor: **Lynne Greeley**, Associate Professor of Theatre

Women's and Gender Studies

Molly Ashodian ~ *The Contemporary American Political System and Contraceptive Choices*

Faculty Advisor: Lisa Holmes, Associate Professor of Political Science

Juliana Marton ~ Of Roots and Sources: An Interpretive and Historical Account of Women's Birth Networks that Includes a Qualitative Study of a Twenty-First Century Network--the Taproot Program for Primiparous Young Women.

Faculty Advisor: **Robbie Kahn**, Associate Professor of Sociology

Kacia Yazbak ~ *When Push Comes to Shove: Making Choices about Childbirth in Rhode Island*

Faculty Advisor: **Robbie Kahn**, Associate Professor of Sociology

McNair Scholars Program

Remarks: Professor Jim O. Vigoreaux, Chairperson of Biology

*College of Arts and Sciences Students Receiving Recognition in the
McNair Postbaccalaureate Achievement Program*

Tyler Aten ~ Biology

Summer 2008 Research Topic: *An Investigation of Tyrosine Kinase Tnk1
Substrates and Function*

Faculty Mentor: **Bryan Ballif**, Assistant Professor of Biology

Tanner Lake ~ Classics

Summer 2009 Research: *Ancient Greek Music and Kithara Reconstruction*

Faculty Mentor: **John Franklin**, Assistant Professor of Classics

Chelsea McShane ~ Communication Sciences

Summer 2009 Research: *Mental State Talk between Mothers and Their Typical
Developing Children or Children with Autism Spectrum Disorder*

Faculty Mentors: **Patricia Prelock**, Professor of Communication Sciences and
Tiffany Hutchins, Lecturer, Communication Sciences

Pattrese Reynolds ~ Political Science

Summer 2009 Research: *Is there an African American Perspective on
Affirmative Action?*

Faculty Mentor: **Alec Ewald**, Assistant Professor of Political Science

Sarah Roberts ~ Psychology

Summer 2008 Research: *Sexual Self-Schemas, Family Support, and Sexual
Problems in Adult Female Survivors of Child Sexual Abuse*

Faculty Mentor: **Allesandra Rellini**, Assistant Professor of Psychology

Maxwell Ukegbu ~ Economics

Summer 2008 Research: *Nigerian Immigrants in the United States*

Faculty Mentor: **Rhonda Sharpe**, Assistant Professor of Economics