

FALL FEST

November 16, 2005

GODDARD LIBRARY

2–4 PM

PRESENTATIONS

Anton Fellowship Program

1. *Daring to Dream: Children of Haitian Migrant Sugarcane Cutters in the Dominican Republic.* **Sarah Abrams '08** (sponsors: Professors D. Earle & S. Krefetz)
2. *Getting a Kick Out of a Community: Youth Soccer as a Community-Building Strategy in Guatemala and Worcester.* **Rebecca Dezan '06** (sponsors: Professors L. Ross & S. Krefetz)
3. *Weathered Livelihoods: The Influence of Climate Change and Market Forces on Agricultural Practices and Land-use/Cover-change at the Altitudinal Limit of Cultivation in the Andes.* **Timothy Currie '06** (sponsors: Professors B. L. Turner II & S. Krefetz)
4. *Learners Left Behind: Informal Education in Hakahana, Namibia.* **Evan Wilson '06** (sponsors: Professors D. Bell & S. Krefetz)

Biology

5. *Clinical Research at Brigham and Women's Hospital.* **Adiba Hassan '06** (sponsor: Professor D. Thurlow)
6. *Development of Real Time RT-PCR Protocols for Marine Diatoms.* **Danielle Stehlik '06** (sponsor: Professor D. Robertson)
7. *Characterization of Glutamine Synthetase Genes in Diatoms.* **Kevin Brown '08** (in collaboration with Aurelien Tartar, research associate; sponsor: Professor D. Robertson)
8. *A Comparison of Reproductive Traits in Lab-Reared and Wild-Caught Threespine Stickleback and Their Hybrids.* **Jesse Bausell '06** (sponsor: Professor J. A. Baker)

Chemistry

9. *Preparation of Samples for Neutron Scattering Study.* **Grant Tremelling '07** (sponsor: Professor M. Turnbull)
10. *Morphology and Diffusion in a Solid Ordered Triblock Copolymer.* **Alana Canfield '07** (sponsor: Professor A. Jones)
11. *Microwave Synthesis of Niobium Oxide Based Dion-Jacobson Phases.* **Christopher Seith '07** (sponsor: Professor L. Smith)
12. *Translational and Rotational Motion of Dichloromethane in an Ultraporous Nanocomposite Membrane of AF1600 and Fumed Silica.* **Darryl Aucoin '07** (in collaboration with Junyan Zhong, graduate student; sponsor: Professor A. Jones)

13. *1,2-Carbene Anions as Reactive Intermediates*. **Valerie Pivorunas '06** (sponsor: Professor K. Erickson)

English

14. *The Problem of Authorial Identity: In Search of William Faulkner*. **Michael LaFrancis '06** (Anton Fellow) (sponsor: Professor B. Huang)

15. *Women Talking About Women: An Exploration of the Gendered Self*. **Genie Gaiamo '06** (sponsor: Professor J. Elliott)

Foreign Languages & Literatures

16. *Translating a Spanish Play from the 1960s for a Contemporary University Audience*. **Brendan Clancy '07** (sponsor: Professor C. D'Lugo)

Geography

17. *The Changing Shoreline: Sconset Beach Nantucket*. **Pamela Ordnung '07** (sponsor: Professor B. L. Turner II)

Human-Environment Regional Observatory (HERO)

18. *Quantifying Categorical Associations Using Sub-Pixel Mapping*. **John Connors '06** (sponsor: Professor R. G. Pontius Jr.)

19. *Monitoring Forest Cover Disturbance in Massachusetts Using Remote Sensing Data and Techniques: The Massachusetts Forest Monitoring Program (MaFoMP)*. **Joe Fortier '07, Ryan Frazier '06, Trevor Jones '06, & Chris Lippitt '06** (in collaboration with Steve McCauley, graduate student; sponsor: Professor J. Rogan)

20. *Adaptation to Climate Variability in Central Massachusetts: A Focus on Structure and Agency*. **Troy Hill '06** (sponsor: Professor C. Polsky)

21. *Assessing Vulnerability to Drought in the Ipswich River Watershed, MA*. **Laura Merner '08, Kate Del Vecchio '07, Sarah Assefa '07, & Isaac Payano '07** (sponsor: Professor C. Polsky)

Mathematics and Computer Science

22. *Sampling of The Configuration Space of Closed Chains*. **Jonathon Blumenthal '06 & Ihar Valodzin '07** (sponsors: Professors L. Han & L. Rudolph)

Molecular Biology

23. *Association of SE20 mRNA levels with Toxoplasma Gondii Bradyzoite Development in Different Body Tissues*. **Lincoln Muhoro '08** (in collaboration with Amy del Pinal & Sandya Sharma, graduate students, Montana State University; sponsors: Professors D. Thurlow, Biology, & J. Radke, Montana State University)

Psychology

24. *Comparative Analysis of Memory in College Students and the Elderly*. **Ashley Auclair '07** (sponsor: Professor R. Bibace)

Urban Development and Social Change Program

25. *Highlights of the Urban Development and Social Change Summer 2005 Research Fellows Project: Assessing the Impact of the Kilby-Gardner-Hammond Revitalization Project on Social and Economic Conditions in the Neighborhood and on Residents' Perceptions*. **Katie Cruickshank**

'06, Jessica Loomis '06, David Fialkov '06, & Ryan Small '06 (in collaboration with Ania Cieslik, graduate student; sponsor: Professor S. Krefetz)
26. *Lessons Learned in the Trenches of City Politics--the Lois and Robert Green/UDSC Summer Internship with a Worcester City Councilor.* **Jaime Haber '06** (sponsor: Professor S. Krefetz)