



**Faculty Coordinator:** Professor James Cordova,  
Psychology Department, x7268

**Staff Coordinator:** Karen Wilber, Psychology, x7538

# *FALL FEST*

*2009*

*Wednesday, November 4*

*2 - 4 p.m.*

*Goddard Library,*

*Academic Commons*

*and  
2nd Floor*

Sponsored by  
The Frances L. Hiatt School of Psychology &  
Dean of the College



## Asian Studies

1. *Western Influences in Contemporary China: Interviews Conducted Abroad.* **Marlene McManus '10** (sponsor: Professor Paul Ropp)

## Biochemistry and Molecular Biology

2. *Identification of an Unknown Anaerobic Bacteria.* **Kyle Denton, '10** (sponsor: Professor Heather Wiatrowski)

3. *Growth Trends in *Shewanella Oneidensis* in Potassium Chromate and Mercuric Chloride.* **Corri Stewart '10** (sponsor: Professor Heather Wiatrowski)

## Biology

4. *Do experience induced changes in Taste take place in the peripheral nervous system or the central nervous system?* **Afza Safeer '10** (sponsor: Professor Linda Kennedy)

5. *Root-associated fungal communities of a threatened Illinois conifer, *Larix laricina*.* **Darcy Young '11** (sponsor: Professor David Hibbett)

6. *Post-transcriptional regulation of gene expression in marine diatoms.* **Priyanka Kapur '11** (sponsor: Professor Deborah Robertson)

7. *Photosynthetic response of *Spartina alterniflora* to enhanced nitrogen delivery.* **Daniel Whitmore '10** (sponsor: Professor Deborah Robertson)

8. *Mercury and *Magnetospirillum* spp.* **Alex Andersen '10** (sponsor: Professor Heather Wiatrowski)

9. *Development of molecular tools to study *RAD4* function in *Dictyostelium*.* **Monifa Fahie, '10, David Grimaldi, '11, Jason Lui, '11** (Sponsor: Professor Denis A. Larochelle)

## Carlson School of Chemistry and Biochemistry

10. *2-Pyridone/pyrazine complexes of copper (II) perchlorate: Effects of 2-pyridone substitution on pyrazine mediated magnetic exchange.* **Veli Selmani '12** (sponsor: Professor Mark M. Turnbull)

11. *Synthesis and Characterization of *RbLaNb207* and *KLaNb207*.* **Hui Yang '12** in collaboration with **Ting Liu, graduate student** (Sponsor: Professor Luis Smith)





\*Please enjoy some  
light refreshments  
located on the 2nd  
floor of the Goddard  
Library\*



### Carlson School of Chemistry and Biochemistry (cont'd)

12. *19F NMR and Mutational Studies of the Aggregation of the Islet Amyloid Polypeptide.* **Samuel Sparks, '10** (Sponsor: Professor Noel Lazo)

13. *Limited Proteolysis and Circular Dichroism Studies of the Aggregation of the Amyloid-beta 42 Protein.* **Kathryn MacDowell, '10** (Sponsor: Professor Noel Lazo)

14. *Structural Studies of the Wild-type and Dutch Amyloid-beta Proteins in the Presence of Model Membranes.* **Nicole Rogers, '10** (Sponsor: Professor Noel Lazo)

### Communications and Culture

15. *Tourists in Wonderland: Magic and the Walt Disney World Vacation.* **Daniel Infeld '10** (sponsors: Professor Stephanie Larrieux & Professor Sarah Michaels)

### Geography

16. *An Ethnographic Study of Retail Centers as Pseudo-Public Space.* **Yael Bassal '10** (sponsor: Professor Deborah Martin)

17. *Geographical Field Work: Assessing Group Homes in Neighborhood Context.* **Zachary Silverman '10** (sponsor: Professor Deborah Martin)

18. *Diagnosing Variability in Ecosystem Carbon Flux Responses to Droughts.* **Graham Twibell '10** and **Michelle Smith '11** (Sponsor: Professor Christopher A. Williams)

### HERO

19. *Explaining Residential Landscapes: Household Lawncare Practices in Suburban Boston (PIE - LTER).* **Abigail Kaminski '11** (sponsor: Professor Colin Polsky)

20. *Looking for Lawns: How We Know What's In Your Yard.* **Thomas Hamill '10** (in collaboration with **Matt Salem '10**, **Nick Perdue '09**, **Albert Decatur '09**, **Dan Runfola Ph.D. '12**, **Nick Giner Ph.D. '12** and **Rahul Rakshit Ph.D. '09**) (sponsor: Professor Robert Gilmore Pontius Jr.)

### Mathematics and Computer Science

21. *Deformation Space and Motion Planning of Polygons.* **Jonathan Moran '10, Dylan Glotzer '11, Sean Corbett '11** (Sponsors: Professor Li Han and Professor Lee Rudolph)

### Psychology

22. *Childhood Bereavement: Case Studies and Reflections.* **Erin McFadden '10 & Caitlin Straubel '10** (Sponsor: Professor Roger Bibace)

### Steinbrecher Fellows

23. *Malawi: The Warm Heart of Africa.* **Rebecca Zilberstein '11, Shohini Banerjee '11, Kimberly Burrowes '11 & Tanya D'Lima '11 (Global Scholar)** (Sponsors: Professor James Murphy & Professor Dave Bell)

24. *Asthma in Reflection: The AIR Project.* Book: "Eight Minutes Without Air." **Anna Zonderman '10** (sponsor: Professor Ken MacLean)

### Theodore Barth Foundation Internship Award

Thanks to the generosity of the Theodore Barth Foundation, Career Services is able to offer Clark undergraduate students a \$2500 stipend (6 total awards) to support unpaid, summer internships in the nonprofit sector.

This funded internship opportunity is open to Clark undergraduate sophomores and juniors who plan to complete an unpaid summer internship within a non-profit organization.

25. *Medical Internship in the highlands of Guatemala.* **Claire E. Crawley '11** (sponsor: Career Services)

26. *Managing Conservation of Coastal Cutthroat Trout: A Genetic Approach.* **Samantha Palace '10** (sponsor: Career Services)

27. *Deforestation in Kenya.* **Bjoern Weidlich '10** (sponsor: Career Services)

28. *Integrating the use of music and music therapy in care for the elderly.* **Alisa Hills '11** (sponsor: Career Services)

29. *One Laptop Per Child - Peru.* **Alexandra Carter '11** (sponsor: Career Services)



### \*\*Clark Voices: 2nd Floor, Goddard Library, Room 203A\*\*

Tell your story. Modeled after National Public Radio's Story Corps. Project, "Clark Voices" is Clark University's oral history podcast about academic life at Clark. Record your story about a favorite class, professor, team project, study abroad experience, research study or any other academic area. Record your story alone or with a friend.

Then watch as your story becomes part of a podcast on the University's Clark Voices website.

[www.clarku.edu/clarkvoices](http://www.clarku.edu/clarkvoices)

