

A large rectangular poster with an orange border. The background is a dense forest of trees with vibrant autumn foliage in shades of red, orange, and yellow. The text is centered and reads:

FALL FEST  
2007  
November 7  
Noon-3pm  
GODDARD LIBRARY



# PRESENTATIONS

## Biology

*Internal Nitrate Pools from the diatoms Skeletonema and Thalassiosira: Variability due to light exposure and nitrogen source.* **Bryce Winant '08** (sponsor: Professor D. Robertson)

(sponsor: Professor D. Robertson)

*The evolution of glutamine synthetase (GSII) in select lineages of green algae.* **Jenna Nguyen '08** (sponsor: Professor D. Robertson)

*Molecular characterization and evolution of glutamine synthetase in the marine haptophyte, Emiliania huxleyi* **Kevin Brown '08** (sponsor: Professor D. Robertson)

## Chemistry

*Isolation of Biosynthetic Intermediates from Artemisia annua (Sweet Wormwood)* **Melissa Loving '08** (sponsor: Professor K. Erickson)

*Biophysical Studies of Collagen VII* **Lincoln Muhoro '08** (sponsor: Professor N. Lazo)

*Studying the Combined Effects of the Arctic and Flemish Mutations on the Aggregation of the Amyloid beta-protein* **Saima Chaudhry '08**

(sponsor: Professor N. Lazo)

*On the Effects of the S20G Mutation on the Folding and Aggregation of the Islet Amyloid Polypeptide* **Miranda Simon '08** (sponsor: Professor N. Lazo)

*Deuteration - Preparation for Neutron Scattering* **Susan N. Herringer '09** (sponsor: Professor M. M. Turnbull)

*Transition Metal Complexes of Dihaloaminopyridines: Syntheses, Crystal Structures and Magnetic Properties of [Cu(3,5-diCap)<sub>2</sub>X<sub>2</sub>] and [Cu(3,5-diBap)<sub>2</sub>X<sub>2</sub>] [X = Cl, Br; 3,5-diCap = 2-amino-3,5-dichloropyridine; 3,5-diBap = 2-amino-3,5-dibromopyridine]* **Kelley Shortsleeves '09**

(sponsor: Professor M. M. Turnbull)

*Bis(3-methylpyridinium) tetrabromocuprate: Is it Unique?* **Morgan Provoost '08** (sponsor: Professor M. M. Turnbull)

*Syntheses, Crystal Structures and Magnetic Properties of Heteronuclear Bimetallic Compounds of [Cu(pdc)<sub>2</sub>][M(H<sub>2</sub>O)<sub>5</sub>] 2H<sub>2</sub>O [M = Ni(II), Co(II), Mn(II); pdc = 2,6-pyridinedicarboxylato]* **Alexander R. Parent '08**

(sponsor: Professor M. M. Turnbull)

## Computer Science

*Microcontrollers and Sound.* **Virginia Gray '08** (sponsor: Professor J. Breecher)

### Geography

*Towards a sub 1-meter Classification of Suburban northeastern Massachusetts* **James Wilson '09** (sponsor: Professor C. Polsky)

*Mapping Forest Cover in Massachusetts Using Remotely Sensed Data* **Alina Taus '11** (sponsor: Professor J. Rogan)

### Philosophy

*The Adherence Problem: Ethics and Public Health in Antiviral Therapy for HIV* **Sara Koehring '11** (sponsor: Professor P. Derr)

*Social, Moral & Public Health Issues in HIV Testing in Developing Countries* **Jessica Robie '11** (sponsor: Professor P. Derr).

*Stress reduction tools for schools* **Armen Kassabian '09** (sponsor: Professor Cordova )

### Physics

*Tumbling Paper* **Mike Robitaille '09** (sponsor: Professor A. Kudrolli)

### Steinbrecher Fellows

*A Holistic Approach to Education in Malawi: Lessons Taught and Learned at the Bambino Schools in Lilongwe* **Jon Steenbeke '08**

*The Influence of Environmental Policy Reforms on Environmental Management and Performance of Gold Mines in Central Lapland, Finland* **Paula Zimmerman '08** (sponsor: Professor D. Johnson, and Professor S. Krefetz)

*Talk and Performance on the Native American Flute* **Vesela Morova '09** (sponsor: Professor J. McGinn and Professor S. Krefetz) THIS PRESENTATION WILL TAKE PLACE IN FULLER MUSIC ROOM IN ESTABROOK HALL FROM 4PM TO 5PM

### Clark Voices

Clark Voices is Clark University's oral history podcast about academic life at Clark. Join us in Goddard Library from noon-3pm during Fall Fest. 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. We'd love to hear from you!