

ISU Mathematics Department Weekly Reader April 7, 2008

UG VEISHEA Volunteers needed

We need three more undergraduate student volunteers to help host our Math and Voting display on Saturday. Sue Ellen will be stopping in classes to ask for volunteers.

VEISHEA 2008: Math and Voting



The Math Department is joining with others in the College of LAS as they conduct a straw poll on Saturday, April 12, under the Big Top on Central Campus. We will have computers set up to allow visitors to experiment with different methods of voting. See www.mathaware.org for more information.

Ming Preliminary Exam

Ju Ming; Major Professor is **Steve Hou**. Tuesday, April 8 at 1:40 p.m. in 032 Carver Hall.

Dagli Final Defense

Mehmet Dagli will give his final defense on Wednesday, April 9, at 4:00 p.m. in 390 Carver. The title of his dissertation is *Lie Algebra Decompositions with Application to Quantum Dynamics*. **Domenico D'Alessandro** and **Jonathan Smith** serve as Dagli's Major Professors.

Manske Preliminary Exam

Jacob Manske; Major Professor is **Maria Axenovich**. Thursday, April 10 at 3:00 p.m. in 202 Carver Hall.

Colloquia this week

Tuesday 4:10 in Carver 268
Roger Lui, Worcester Polytechnic Institute, on *Mathematics of molecular and cellular biology*
Thursday 4:10 in Carver 268
Rakesh, University of Delaware, on *The spherical mean value operator for functions supported in a ball*

Seminar topics this week

[Combinatorics, Algebra, Number Theory Seminar](#)

Monday 4:10 p.m. Carver 290

Zhu Cao, University of Illinois Urbana-Champaign, *Product identities for theta functions*

[Computational and Applied Mathematics](#)

Monday 4:10 p.m. Carver 294

James Evans, ISU, on *Modeling of coarsening processes on surfaces Ostwald vs. Smoluchowski vs. Anomalous ripening*

[Discrete Mathematics](#)

Tuesday 1:10 p.m. Carver 294

Rana Mikkelsen and Kaela Rasmussen on *Universally optimal matrices and field independence of the minimum rank of a graph*

[Probability](#)

Wednesday 2:10 p.m. Carver 294

TBA

[Hypergeometric Series](#)

Wednesday 3:10 p.m. Carver 190

Ling Long on *Zeros of Einstein series II*

[Graduate Student Seminar](#)

Wednesday 4:10 p.m. Carver 204

TBA

[Computational Invariant Theory](#)

Thursday 2:10 p.m. Carver 298

Irv Hentzel, *The integral representations of the symmetric groups*
Optional second hour for discussion, proof details, examples, etc.

[Analysis](#)

Thursday 3:10 p.m. Carver 204

TBA