UNDERGRADUATE STUDENT SEMINAR

Sponsored by the *Math Club*

`Organizers`: Dina Daniyarova and Landon Elkind

`Contact`: gwmaths@gmail.com

`Faculty Coordinator`: Valentina Harizanov

Undergraduate Mathematics Conference in Washington

A regional conference organized by The College of William and Mary, George Mason University, and the George Washington University.

Saturday–Sunday, April 21–22, 2012

`Place`: The George Washington University

`Speakers` include

Callie Freitag, Modeling the Impact of Flooding on Cholera in Haiti.

Landon Elkind, Mathematical Definition Changing Mathematical Practice: A Case Study of Polyhedra.

`Panel on Career, Graduate School and REU Programs` on Saturday, 12:35 - 2:00pm.

Game night

Tuesday, April 3, 2012

`Time`: 5:00–7:00 p.m.

`Place`: Monroe Hall (2115 G Street), Room 253

Pizza will be served.

Regional Undergraduate Mathematics Research Conference

Saturday, March 31, 2012

`Time`: 9:00 a.m.–5:30 p.m.

`Place`: Towson University, Maryland

`Speakers` include Landon Elkind.

`Plenary session speakers` include Leah Marshall (GW graduate student): Mathematics Careers in Government, Industry, and Academia.

GW Research Showcase *for faculty, graduate and undergraduate students*

Thursday, March 29, 2012

`Time:` 9:00 a.m.–12:00 noon

`Place:` Marvin Center (800 21st Street)

`Undergraduate posters:`

Modeling the Cholera Epidemic in Haiti, 2010–2012   by Callie Freitag.

Infinite-Dimensional Quantum Computing   by Andrew Hirsh and William Clarke Smith.

Movie night

Tuesday, March 6, 2012

`Time:` 5:00–7:00 p.m.

`Movie:` *Julia Robinson and Hilbert's Tenth Problem* (directed by George Csicsery)

`Place:` Monroe Hall (2115 G Street), Room 267

Pizza will be served.

Movie night

Tuesday, February 14, 2012

`Time:` 5:00–7:00 p.m.

`Movie:` *Good Will Hunting* (directed by Gus Van Sant)

`Place:` Monroe Hall (2115 G Street), Room 267

Pizza will be served.

Lecture night

Tuesday, January 31, 2012

`Time:` 5:00–6:00 p.m.

`Speaker:` Lowell Abrams, GWU faculty member

http://home.gwu.edu/~labrams/

`Place:` Monroe Hall (2115 G Street), Room 267

`Title:` *Some Surfaces and Their Cellular Symmetries*

`Abstract:` Two-dimensional topological surfaces can be described as being built by attaching two-dimensional panels (cells) to a one-dimensional skeleton (graph). Viewed this way, one can ask which symmetries the surface enjoys that respect some cellular

structure. This talk will cover all the basics of these ideas with a highly visual approach, then show how they give rise to really cool patterns in the plane.