

Math Day 2009 Schedule

Schedule subject to change

- 8:00 a.m. - 8:55 a.m.** **Check-in:** *Meany Hall Auditorium*
- 9:00 a.m. - 9:10 a.m.** **Welcome Address:** **Phyllis Wise, Provost & Executive Vice President, UW Office of the Provost, Meany Hall Auditorium**
- 9:10 a.m. - 9:55 a.m.** **Plenary Address: Mathematics to DIE for: the Battle between Counting and Matching**
Jennifer Quinn, Co-editor, Math Horizons, Professor of Mathematics, UW Tacoma
Meany Hall Auditorium
- 10:15 a.m. - 10:55 a.m.** **Session I** – Field Trips leave from outside Meany Hall at George Washington Statute at **10:05 a.m.**
- 11:15 a.m. - 11:55 a.m.** **Session II** – Field Trips leave from outside Meany Hall at George Washington Statute at **11:05 a.m.**
- Noon - 1:10 p.m.** **Student Lunch:** Students are on their own for lunch. Only a few places in the HUB will be open to purchase lunch so we suggest students bring their lunch.
- Noon - 1:10 p.m.** **Teachers' Lunch: Mary Gates Commons--Come and Play a Math Game or Two**
with Virginia Warfield, Department of Mathematics
- 1:20 p.m.- 2:00 p.m.** **Session III** – Field Trips leave from outside Meany Hall at George Washington Statute at **1:10 p.m.**

Session I: 10:15 - 10:55 a.m.	Session II: 11:15 - 11:55 a.m.	Session III: 1:20 - 2:00 p.m.
Cutting Edge Topics in Mathematical Science Presented by Top Faculty.		
Students do <u>not</u> need a ticket to attend the talks and activities below.		
An Introduction to Topology <i>Paul Hacking, Assistant Professor, Mathematics</i> Location: Gowen 301	Neutrinos and Mass <i>Wick Haxton, Professor, Physics</i> Location: Gowen 301	Robots that Run, Climb, Flap, and Swim <i>Sam Burden, Graduate Student, EECS, UC Berkeley</i> Location: Gowen 301
Images of Hyperbolic Geometry <i>Zack Treisman, Postdoctoral Fellow, Mathematics, University of British Columbia</i> Location: Smith 205	Warped Spaces <i>Alexandra Nichifor, Lecturer, Mathematics</i> Location: Smith 205	How Are Weather Forecasts Made? <i>Cliff Mass, Professor, Atmospheric Sciences</i> Location: Smith 205
Mapping the Sky: How to Unravel Dark Energy in a 100 Billion Easy Steps <i>Andrew Connolly, Associate Professor, Astronomy</i> Location: Smith 120	Tricky Mathematics and Mathematical Tricks <i>Moshe Rosenfeld, Professor, Mathematics, UW Tacoma</i> Location: Smith 120	Mathematical Genetics: An Art of Thinking Backwards <i>Vladimir Minin, Assistant Professor, Department of Statistics</i> Location: Smith 120
Panel Discussion: Undergraduate Life <i>Undergraduates will discuss courses and activities and answer questions.</i> Location: Gowen 201	Careers in Mathematics <i>Lori Bechtold, The Boeing Company; Tanya Tonnu, The Boeing Company; Mike Hawrylycz, Allen Institute for Brain Science</i> Location: Gowen 201	UW Admissions <i>University of Washington Admissions</i> Location: Gowen 201
Activities – Tickets <u>Not</u> Required		
Students do <u>not</u> need a ticket to attend the activities listed below. They go directly to the location indicated.		
Computer Lab Communications B-027 (limit 20)	Computer Lab Communications B-027 (limit 20)	Computer Lab Communications B-027 (limit 20)
Problem-solving Strategies w/ Puzzles Meany Lobby, west (unlimited)	Problem-solving Strategies w/ Puzzles Meany Lobby, west (unlimited)	Problem-solving Strategies w/ Puzzles Meany Lobby, west (unlimited)
	Paper Construction of Geometric Models Meany Lobby, east (unlimited)	Paper Construction of Geometric Models Meany Lobby, east (unlimited)
Activities – Tickets <u>Required</u>		
Students <u>must</u> have a ticket to attend. All field trips leave from outside Meany Hall lobby at the George Washington Statute--Session I at 10:05 a.m. , Session II at 11:05 a.m. and Session III at 1:10 p.m. Latecomers should not expect to participate, even with a ticket.		
Health Sciences Tour (lobby Health Sciences)	Health Sciences Tour (lobby Health Sciences)	
Applied Physics Lab (Henderson Hall)	Applied Physics Lab (Henderson Hall)	Applied Physics Lab (Henderson Hall)
Light and Shadow – 10:15 – 11:55 a.m. (Physics C211)	Light and Shadow – 10:15 – 11:55 a.m. (Physics C211)	
Luminescence Dating Lab (Raitt 125)	Luminescence Dating Lab (Raitt 125)	Luminescence Dating Lab (Raitt 125)
The Mathematics of Juggling (Thomson 135)	The Mathematics of Juggling (Thomson 135)	
Math Day Magic Show (Smith 211)	BioHand, Inc. (Smith 211)	Math Day Magic Show (Smith 211)
Mathematical Card Tricks (Thomson 134)		Mathematical Card Tricks (Thomson 134)
Oceanography Lab (Oceanography Building)	Oceanography Lab (Oceanography Building)	Oceanography Lab (Oceanography Building)
Planetarium (Physics/Astronomy Building, Rm 220)	Planetarium (Physics/Astronomy Building, Rm 220))	Planetarium (Physics/Astronomy Building, Rm 220))
Seismology Lab (Atmospheric Sciences/Geophysics Building)	Seismology Lab (Atmospheric Sciences/Geophysics Building)	Seismology Lab (Atmospheric Sciences/Geophysics Building)
Symmetries, Tessellations, and Escher's Prints (Smith 105)		
What Makes Boomerangs Come Back? (Balmer 214 and Denny Field)	What Makes Boomerangs Come Back? (Balmer 214 and Denny Field)	What Makes Boomerangs Come Back? (Balmer 214 and Denny Field)