Undergraduate Mathematics Day
at the University of Dayton
Sunday, November 3, 2013

Morning Program

8:45 – 9:30	Check In, Folder Pick-Up, Continental Breakfast	Science Center Auditorium Lobby
9:30 – 9:45	Welcome and Introduction Patrick Zabriskie University of Dayton undergraduate student	Science Center Auditorium SC 114
9:45 – 10:45	Invited Address: **Reasoning about Secrets** Sarah Miner More, McDaniel College	Science Center Auditorium SC 114
11:00 – 11:15	**Forced Monotone Methods** Nujud Alshehri University of Dayton graduate student	Science Center Auditorium SC 114
11:20 – 11:35	**Finding Magic in Math: A Special Way of Labeling Graphs** Adam Volk University of Dayton undergraduate student	Science Center Auditorium SC 114
11:40 – 11:55	**Properties of Pascal's Triangle** Michael Radin Rochester Institute of Technology	Science Center Auditorium SC 114
12:00- 1:00	**Lunch**	Science Center Auditorium Lobby

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Afternoon Program

1:00 – 1:15	Introduction: Schraut Memorial Lecture **Adam Volk,** Vice President University of Dayton Math Club	Science Center Auditorium SC 114
1:15 – 2:15	The Fourteenth Annual Kenneth C. Schraut Memorial Lecture: **Randomness and Pseudorandomness in Combinatorics** Thomas Bohman, Alexander M. Knaster Professor, Carnegie Mellon University	Science Center Auditorium SC 114
2:15 – 2:30	Break with Refreshments	Science Center Auditorium Lobby

Concurrent Sessions:

	SC 114	**SC 323**
2:35 – 2:50	**Completeness** Lynne Yengulalp, University of Dayton	**Downturn In Economy: Long or Short Term?** Teng Zhang Miami University undergraduate student
2:55 – 3:10	**When Things get a Little Edgy: Finding the Grundy Number of Line Graphs** Matthew DeVilbiss, University of Dayton undergraduate student	**Idiosyncratic Risk and the Cross-Section of Expected Stock Return：A Threshold Regression Approach** Pei Zhang University of Dayton graduate student