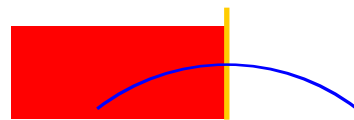


Special points of interest:

- FASt Talks
- Upcoming Events
- Activities

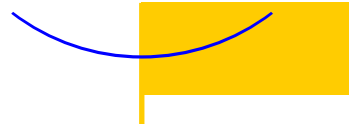
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# Logical Times

"Monthly News You Can Count On"



## Wednesday FASt Talks:

On February 4, Dr. John Bailer of Miami University presented *How much is too much?... How many are there?... Do you really believe that? Answering questions with biostatistics* to a full house in Olin 114. Dr. Bailer discussed a technique for estimating population size such as whitetail deer population in Ohio. He also provided an anonymous way to ask embarrassing questions.

On February 18, Dr. Todd Feil presented *The four square theorem and surprising recent related results*.

Dr. Feil gave a brief history of this over 200 year old problem and how recent results have shown how truly elegant the result is.

Don't miss the next FASt Talk on March 10, which is a two for one. Bill Froehlich, '06, will present *Dictatorship vs. Democracy: What represents the Will of the People?* and Colleen Hughes, '06, will present *How'd You Do That? The Mathematics Behind the Magic*. Please come see what your fellow students have to share.

## Upcoming Events:

### National Undergraduate Researcher at Denison

Thursday, March 25, Denison Mathematics and Computer Science department welcomes Professor Joseph Gallian of the University of Minnesota—Duluth. Dr. Gallian is a national leader in undergraduate research. His NSF funded Research Experience for Undergraduates (REU) is in its 27th year and has produced numerous publications. Dr. Gallian will present two talks. He will present *Breaking Drivers' License Codes* at 12:30 p.m. in Olin 114 (refreshments beforehand). This talk is closely tied to the work that Laura Berger and Tarika Mansukhani, '07

will be presenting at the Spring MAA Meeting. His second talk, *How to Present Your Research*, will take place in Burton Morgan Lecture Hall at 4:30 p.m. refreshments beforehand). This presentation will be aimed at both faculty and students who conduct various levels of research. This talk will be particularly useful for the summer science students and faculty members.



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# DENISON

Got noteworthy  
news ideas?

Contact Dr. Ludwig



## Faculty/Student Activities

### Summer Science Awards

Be sure to congratulate the following sophomores and juniors on their summer research funding: Dan Bucatanski, Pancham Gajjar, Patricia Garmirian, Blaine Hoffman, Andrew Hoffman, Colleen Hughes, Evan Lewis, Nate Schmidt, Kaythi Soe, Zhenyu Wu. They will spend ten weeks of their summer working on various projects with faculty members of the department.

### “Math Club”

Fifteen students braved sleet and cold on February 5 for The Math Club meeting. Needless to say, they still have no name. (How about “This club has no name?”) Bill Froehlich discussed tutoring options at Newark High School (see message below). The evening ended with various puzzles and conundrums. Congratulations Laura Berger, ‘07, Bill Froehlich, ‘06, and Kati O’Neill, ‘06, for their successful solutions.

A message from Bill Froehlich: The

tutoring program has already begun. If you are interested in helping out some high school math students develop their math skills, you should consider tutoring. Groups leave for Newark High School at 2:15 on Tuesdays and 3:15 on Thursdays and will return approximately 2 hours later. We will meet on the second floor of Olin near the staircase, outside the math office. If you have any questions e-mail [froehl\\_w](mailto:froehl_w). Hope to see you on Tuesday or Thursday!

### UC Bound

Denison will have an unprecedented 9 speakers at the Ohio Section of the MAA Spring Meeting held in March 26-27 at the University of Cin-

cinnati. This is an opportunity for students to present expository talks or present their research. Be sure to wish them luck!

Elizabeth Ehret, ‘04

Anthony Fressola, ‘04

Patricia Garmirian, ‘05

Bill Froehlich, ‘06

Colleen Hughes, ‘06

Ivan Orsic, ‘06

Laura Berger, ‘07

Narayan Choudury, ‘07

Tarika Mansukhani, ‘07

*A New Axiomatic Geometry: Cylindrical (or Periodic) Geometry*

*Integer Construction by Induction*

*Linear Algebra Meets Differential Equations*

*Dictatorship vs. Democracy: What represents the Will of the People?*

*How’d you do that? The Mathematics Behind the Magic*

*The Worse Baseball Team in My Lifetime*

*Sorry, Wrong Number I*

*The Isoperimetric Problem*

*Sorry, Wrong Number II*