

# Logical Times

*"News You Can Count On"*

Denison University

Spring 2007, Issue 2

## Department Awards



On April 18th the department announced awards for academic year 2006-2007.

Among the awards given were the *Forbes B. Wiley, Award* presented to

one or more sophomores for excellence in mathematics or computer science in their freshman year. This year, **Sam Behrend**, **Joanna Kreiselman** and **Amanda Moore** were honored with this award.

The *Forbes B. Wiley* award is also awarded to one or more juniors for excellence in their sophomore year. The recipients this year were **Rachel Grotheer** (abroad) and **Nicole Scholtz**.



The *Alice Hutchinson Lytle Award* is given to a senior female with the highest cumulative grade point average for the first three years of her college career. This year, the award was split between **Pam Arbisi** and **Tarika Mansukani**.

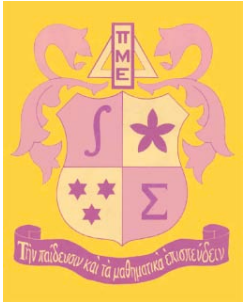
The *Chosaburo Kato Memorial Award* is given to a promising mathematics or computer science major in his or her junior year who has good character and has the recommendation of the department. **Matt Steinke** was awarded the Chosaburo Kato Award this year.

The *Ethan D. and Halle E. Roberts Memorial Award* is presented to a senior in the department for an outstanding research project. **Pam Arbisi** won this award for her honors project "*Links in Straight-Edge Embeddings of  $K_7$* ".

The final department award, the *John L. Gilpatrick Award*, is given to an outstanding senior major. **Aaron Jackson**, a senior Computer Science major, won the award this year.

**Congratulations to all!**





## Pi Mu Epsilon

The following people were inducted into Denison's chapter of Pi Mu Epsilon on Sunday, April 15: **Sam Behrend, Laura Berger, Joanna Kreiselman, Amanda Moore, Lindsey Nikolai, Matt Perkett, Kristen Sheffield, Katie Stehli,**

**Megan Warner, and Anne Young.**

Pi Mu Epsilon is dedicated to the promotion of mathematics and recognition of students who successfully pursue mathematical understanding. Denison University has been a charter member since 1963.

In order to be considered for admission to Denison's chapter of Pi Mu Epsilon, sophomores must have completed 4 courses in mathematics (Calculus 1 and up) with a cumulative GPA of 3.5. Juniors and seniors must have completed 4 classes (Calculus I and up) with a cumulative GPA of 3.3.



## Upsilon Pi Epsilon

**Jeff Camealy, Aaron Jackson and Nicole Scholtz** were inducted into Denison's chapter of Upsilon Pi Epsilon this spring.

Upsilon Pi Epsilon is the first and only existing international honor society in the Computing and Information Science disciplines. Members of Upsilon Pi Epsilon are also given a free ACM (Association for Computing Machinery) membership. Denison became a charter member in 2000.

The national standards for membership are: A student must have an overall GPA of 3.9 in all college work completed. A student must have a minimum of 64 semester hours of college credit including 18 semester hours in the basic courses in Computing and Information disciplines.

## Hey Class of 2007!

If you haven't already, go to our web-page under Alumni and sign up to be part of our alumni database. Remember, visit the site regularly and keep us up to date on what's going on in your life.



## Anne Young Scores Big!

Anne Young has been awarded a prestigious NCAA Postgraduate Scholarship. The \$7500 scholarship is awarded annually to student-athletes who have

excelled academically and athletically. Anne is a math major and a four-year starter and team captain for Denison's women's varsity soccer team.

## Ohio Section MAA Meeting



Front row: Pam Arbisi, Matt Steinke, Joanna Kreiselman.  
Back row: Sam Behrend, Amanda Moore, Rob Flax, Dr. Ludwig and Tun Nyein.

On Friday, April 13, several Denison students traveled with Prof. Ludwig to the MAA Ohio Section meeting at Shawnee State University.

While there, **Rob Flax** presented a talk entitled *Cellular Automata: Randomness from Deterministic Simplicity*. **Matt Steinke** presented *How Big is Your Forest?: The Cayley Tree Formula*; and **Pam Arbisi** presented her talk *Links in Straight-Edge Embeddings of  $K_7$* .

## Alumni Happenings

Colleen Hughes '06 was notified that her article *Linked Triangle Pairs in a Straight Edge Embedding of  $K_6$*  that was published in the Spring 2006 issue of the **Pi Mu Journal** won the 2006 Richard V. Andree Award.



## Science Olympics

The First Annual Denison University Science Olympics will be held on Thursday, April 26 from 4:30 – 6:30 on the Campus Commons. Sign-up sheets for the events are on the door of Olin 216. Come on out and

show the rest of the sciences what the Math and Computer Science department is all about!

**Pam Arbisi** submitted her senior research to the Provost Office for consideration as an honors project. This is joint work with Dr. Ludwig. They will submit their findings to the journal *Knot Theory and Its Ramifications*. Be sure to congratulate Pam on a job well done!

## Saying Farewell...



We'll be saying goodbye to twelve of our majors at commencement this year. Graduating math majors are **Pam Arbisi, Laura Berger, Ryan Clark, Erin Davidson, Tarika Mansukani, David Nassar, Tun Nyein, Evan Starr, Jenny**

**Swank, Megan Warner and Anne Young.** **Aaron Jackson** and **Mete Tuzcu** are the only graduating computer science majors. *Good luck to you all!*

Several members of the Class of 2007 have let us know their plans once they leave.

**Aaron Jackson** will be getting married this summer to classmate **Shonali Dasgupta** and then going off to Stony Brook University in Long Island.

**Sitanshu Shah** will spend the summer traveling the U.S. and taking the GMAT before he begins his new job as a Business Analyst with Deloitte Consulting.

**Kristen Sheffield** and **Anne Young** will both be working next year, while preparing to attend graduate school in the fall of 2008.

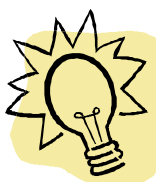
**Jennifer Swank** will be heading off to law school at the University of Arizona's J.E. Roger's College of Law.

## End of the Year Picnic



The Annual End-of-the-Year Picnic (a Hog Roast) is scheduled for Tuesday, May 1st at Lamson Lodge from 4:00 – 6:00 p.m. See you there!

## Faculty Notes



**Dr. Bressoud** was the lead inventor on a patent issued by the U.S. Patent and Trademark Office in March. The patent is entitled "System and Method for Optimally Configuring Border Gateway Selection for Transit Traffic Flows in a Computer Network" and was a joint effort with former colleagues from Bell Laboratories, Mark Smith and Rajeev Rastogi.

**Drs. Havill and Ludwig** presented their paper, "Technically Speaking: Fostering the Communication Skills of Computer Science and Mathematics Students" at the 2007 SIGSCE Technical Symposium on Computer Science Education. This paper presented the oral communication component of Math 210 and CS 271 at Denison and some of the findings over the past two years of the course. The acceptance rate of papers submitted to this conference was 34%.

### Upcoming Events:

April 26	Science Olympics
April 29	Last day of classes
April 30	George Stibitz's birthday
May 1	End-of-the-Year Picnic
	Reading/Study Day
May 2-4	Final Examinations
May 5-6	Reading/Study Day
May 7-8	Final Examinations
May 13	Graduation



The Department of Math  
and Computer Science

## End of the Year Picnic

The department invites all of  
its majors and minors to a  
picnic/hog roast

May 1st

4:00 - 6:00 p.m.

Lamson Lodge

