

## Important Dates!

### UPCOMING EVENTS

#### New Student Orientation

Fri Oct 2, 1:45-3pm  
Rob 201A/B

#### Math Dept Picnic

Fri Oct 2, 3:30pm - Dusk  
Renlund Park, Glassboro

### DEADLINES

**Drop/Add** Sept 2-8.

#### Graduation Applications

Fall 2009: Due Oct 15  
Spring 2010: Due Feb 2

### DEPARTMENT MEETINGS

#### Fall 2009

Sept 16  
Oct 14  
Nov 18  
Dec 9

#### Spring 2010

Feb 3  
Mar 3  
Apr 14  
May 12 (Retreat)

### TUTORS Fall 2009

**Emily Dietrich** (Math/Stat)

**Eric Aspling** (Math)

**Elizabeth Volz** (Math GA)

**Steve Donahue** (Math GA/  
Tutor for Basic Algebra)

Check Math Dept website  
for tutoring hours:

[www.rowan.edu/math/](http://www.rowan.edu/math/)

**Email newsletter  
comments to:**

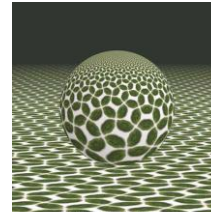
[nguyen@rowan.edu](mailto:nguyen@rowan.edu)



"Coulomb Lorenz attractor" with background by Mike Demps, in cooperation with the Rowan School of Engineering Mathematics, University of Rhode Island (www.math.ri.edu/~mikedemps)



"Herbert Caine 512," is stainless steel and bronze sculpture, fabricated by EY One Company, Pittsfield (Division), by Yusef Sogut, University of California, Berkeley



"Inverse Jones # 12" by Chan Goodman-Drexler, Copyright Chan Goodman-Drexler



"Twisted Tricuboctahedron A," by Vladimir Bulmer (2007)

<http://www.ams.org/mathimagery/>

## WELCOME OUR NEW FACULTY!



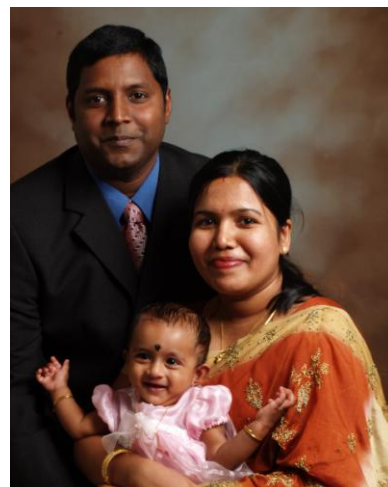
**Dr. Norman Beil**  
(Full-time temporary)

Norman received a B.S. in Mechanical Engineering, an M.S. in Chemical Engineering, and a Ph.D. in Applied Mathematics, all from the University of Virginia. Since then, he has taught at the University of Virginia, Millersville University, and Lincoln University (PA). He has taught mainly calculus, differential equations, linear algebra, and probability and statistics. His research interests are the modeling and computer simulation of physical systems in general, and specifically the behavior of textile structures under stress. He enjoys hiking, camping, bicycling, running, and swing dancing.



**Dr. Umashanger (Uma) Thayasivam**  
(Full-time tenure-track)

Uma received his Ph.D. in Statistics from the University of Georgia in summer 2009. His research is in L2E estimation of mixture complexity for finite mixture models, and applications. He is interested in applications of finite mixtures and robust estimation procedures. Uma is originally from Sri Lanka and enjoys cricket, watching television news, and spending time with his wife, **Rooby**, and their 8-month old daughter, **Thrinethiri** (see photo below).



**New Adjunct Instructors**

The Math Department hired 11 new adjunct instructors this fall. Please welcome them (photos posted outside main entrance) when you run into them this semester.

**Subramanyam Durbha****Jeffrey Jones****Natalie Kautz****Marcia Kleinz****Charles Miller****Angelo Napoliello-Ivory****Eric Neumann****Forouza Pourkay****Michael Scheinberg****Nicholas Stugard****Aniecea Williams****Math Scholarship Fund**

DONORS AY2008-2009

**Ms. Bette Counsellor****Dr. & Mrs. Ronald Czochor****Dr. Karen Heinz****Dr. Christopher Lacke****Lockheed Martin****Dr. Thomas Osler****Ms. Khanh Pham &  
Dr. Hieu Nguyen****Ms. Patricia Whitby****Dr. Xiaming Zeng**

Thank you for your generous support. For information on how you can give to Rowan: <http://www.rufoundation.org/giving/waystoqive.php>

**NOTEWORTHY ACHIEVEMENTS****PUBLICATIONS**

**Walter Jacob (student) and Thomas Osler**, *A modern look at a neglected summation formula by Euler*, *The Mathematical Gazette*, **93** (2009), 237-243.

**Thomas Osler**, *A remarkable formula for approximating the sum of alternating series*, *The Mathematical Gazette* **93** (2009), 76-82.

**PRESENTATIONS**

**Abera Abay**, *Extremes of interarrival times of a Poisson process under a variety of conditioning*, Intern. Conf. in Math. Research and Education (In memory of Dr. Demissu Gameda), Addis Ababa University, Ethiopia, July 2009.

**Abdul Hassen**, *A Generalization of the Riemann Zeta Function Via Integral Representation*, Intern. Conf. in Math. Research and Education (In memory of Dr. Demissu Gameda), Addis Ababa University, Ethiopia, July 2009.

**Hieu Nguyen**, *Euler, Goldbach, and Exact Values of Cosine*, Euler Society Annual Conf, Roger Williams Univ., Bristol, RI, July 2009.

**Thomas Osler**, *Euler and the continued fractions of Wallis and Brouncker*, Euler Society Annual Conf, Roger Williams Univ., Bristol, RI, July 2009.

**Jay Schiffman**, *Exploring Geometric Transformations, Lists, and Matrices with the TI-84 Plus Silver Edition*, TTT Regional Conf., Univ. of Cincinnati, Cincinnati, OH, April 2009; *Exploring Number Bases - A Recurring Theme Throughout the K-16 Curriculum*, NCTM Annual Meeting and Exposition, Washington D.C., April 2009; *The CAS Revolution: How Can Students and Faculty All Benefit?*, NJ Assoc. of Math. Teacher Educators (NJAMTE) Conference, The College of New Jersey, Ewing, NJ, May 2009; *Divisibility and Periodicity Ideas Involving the Fibonacci and Lucas Sequences*, MathFest, Portland, OR, August 2009.

**Jonathan Weisbrod (student)**, *Exploring a Pythagorean Ternary Tree*, MathFest, Portland, OR, Aug 2009.

**LEADERSHIP**

**Eric Milou**, re-elected for a third term as Rowan University Senate President, 2009-2010.

**Jay Schiffman**, elected Secretary of NJ Assoc. of Math. Teacher Educators (NJAMTE), 2009-2011.

**Dexter Whittinghill**, re-appointed Editor of Datasets and Stories column, Journal of Statistics Education, 2010-2012.

**PROMOTIONS**

**Abdul Hassen**, promoted to Professor.

**Hieu Nguyen**, promoted to Professor.

## EXPERIMENT A SUCCESS: EXPERIMENTAL MATH SUMMER ENRICHMENT PROGRAM

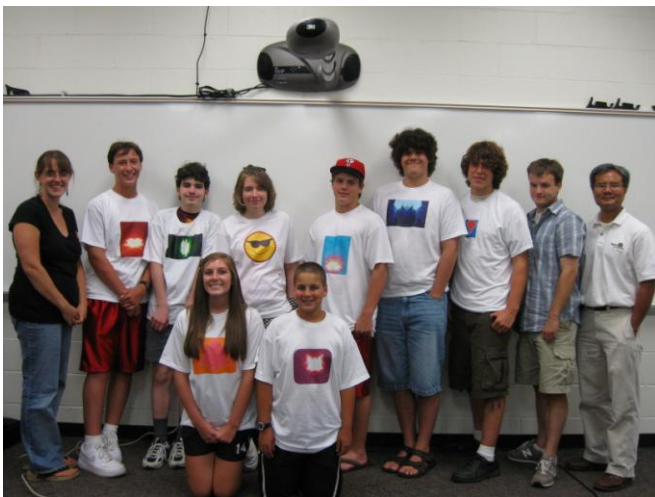
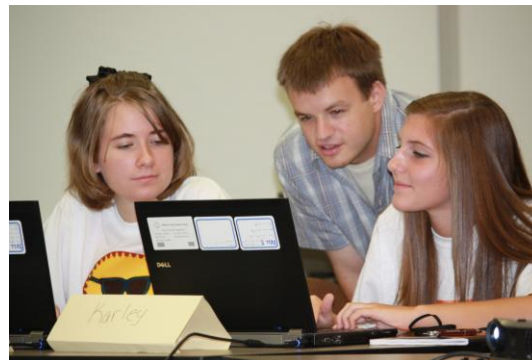
Eight mathematically talented Glassboro students successfully participated in the Rowan Experimental Math Summer Enrichment Program held in July 2009. Directed by Dr. **Hieu Nguyen** and sponsored by the Math Department, this four-day pilot program engaged middle and high school students to learn how to use computers to explore mathematics through experimentation. Students attended workshops conducted by some of the Math Dept's outstanding professors: Drs. **Abdul Hassen** (leftmost in top right photo), **Thomas Osler**, and **Christopher Simons**. The program was assisted by Ms. **Suzanne Carson** (leftmost in photo below) from Glassboro Intermediate School and two

Rowan math students, **Robert Booth** and **Jonathan Weisbrod** (middle in lower right photos), who also conducted a workshop on using Excel to explore mathematics. More information about this exciting program is available at its website:

<http://www.rowan.edu/colleges/las/departments/math/facultystaff/nguyen/experimentalmath/Index.html>

Students who participated:

**Nicholas Felker**  
**Samantha Fredericks**  
**Logan Greer**  
**Daniel Klaszky**  
**John Schneider**  
**Karley Trenchina**  
**Wesley Volz-Price**  
**Joshua Wible**



Experimental math students model their new personalized fractal t-shirts

Previous issues of **Math Newsletter** are available on the Math Department website at:

<http://www.rowan.edu/colleges/las/departments/math/Newsletters/Rowan%20Math%20Newsletter%20Archive.htm>