New Math Alliance Student Club

When I took a group of students to a local conference, the Seaway section meeting of the Mathematical Association of America (MAA), in the fall of 2007, I wanted, and hoped, to introduce them to the wider Mathematical community and get them excited about Mathematics outside the classroom. It turns out they got so excited about it they formed a new campus math club, the SUNY Potsdam Math Alliance. The students wanted to create a student club for math enthusiasts where any student who wanted to could join.

After a well-attended interest meeting, a small, but focused, core group of about six students met regularly during the spring 2008 semester. They brainstormed club activities, learned how to interact with the Student Government Association, wrote a club constitution, designed a t-shirt, and decided on the name Math Alliance for the club. (The alternate name, Math Ninjas, was voted down by a small margin!)

By the end of the spring semester, the Math Alliance was a SGA recognized club with a small budget and big plans. The founding executive board is President Tiffany Terpstra, Vice-President Jesse Dettmer, Treasurer Meagan Griffin, and Secretary Colleen Fagan.

This academic year was spent primarily on getting sanctioned on campus, and as such, there were only a few events.

For the 2008 – 2009 academic year, the group Math-movie night, more Math conferences, (on 3/14, of course!) surrounding community

The club could not have come as far as it has without the support of the members of the department, most notably the Department Chair, Dr. Joel Foisy for providing food for meetings, Dr. Blair Madore for hosting Who Wants To Be A Mathematician (a game show in the style of Who Wants To Be A Millionaire), and Drs. Jason Howald and Cornelia Yuen for consistently attending meetings after hours and for providing support and guidance.

We are looking forward to next year when we can spend less of our time organizing, and more time having fun with math!

Dr. Derek Habermas
Faculty Advisor for Math Alliance
2007-2008 Department of Mathematics

Chair of Mathematics.........................Joel Foisy
Secretary.................................Toni Oakes

Key:

AMS               =        American Mathematical Society
AMTNYS                 =        Association of Mathematics Teachers of New York State
ASL              =        Association of Symbolic Logic
AWM              =        Association for Women in Mathematics
MAA              =        Mathematical Association of America
NCTM             =        National Council of Teachers of Mathematics

Departmental Awards and Recognition of Students

Departmental Scholar
Institutional Membership to the American Mathematical Society, the Mathematical Association of America, and the Association for Women in Mathematics
Susan DeWitt Kaiser Award
MAAEM (Mathematics Alumni Award for Excellence in Mathematics)
Pi Mu Epsilon
C.F. Stephens Mathematics Scholar
Mathematical Achievement Scholarship
AMTNYS (Association of Mathematics Teachers of New York State) Award
# 2008 Graduate Mathematics Majors

24 Baccalaureate Degrees Awarded  
August 2007 (1), December 2007 (8), May 2007 (15)

<table>
<thead>
<tr>
<th>Name</th>
<th>Major 1</th>
<th>Major 2</th>
<th>Major 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trevor Bradish***</td>
<td>PME</td>
<td>Second Major: Sec. Education</td>
<td>Glenfield</td>
</tr>
<tr>
<td></td>
<td></td>
<td>South Lewis Central School</td>
<td></td>
</tr>
<tr>
<td>Andrew Burgess**</td>
<td>PME</td>
<td>Second Major: Sec. Education</td>
<td>Watertown</td>
</tr>
<tr>
<td></td>
<td></td>
<td>South Jefferson Central School</td>
<td></td>
</tr>
<tr>
<td>Katrina Bush*</td>
<td>Second Major: Sec. Education</td>
<td>Madrid</td>
<td>Madrid-Waddington Central</td>
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<td></td>
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</tr>
<tr>
<td>Ryan Carroll</td>
<td>Minor: CIS</td>
<td></td>
<td>Fulton</td>
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<td></td>
<td></td>
<td></td>
<td>G. Ray Bodley High School</td>
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<tr>
<td></td>
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<tr>
<td>Jason Charleson** BA/MA</td>
<td>Second Major: Criminal Justice</td>
<td>Ogdensburg</td>
<td>Ogdensburg Free Academy</td>
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<tr>
<td>Sean Clemens***</td>
<td>Canton</td>
<td></td>
<td>Canton Central High School</td>
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<tr>
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<td></td>
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<tr>
<td>Angelique Feuerbacher</td>
<td>PME</td>
<td></td>
<td>Plattsburgh</td>
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<td></td>
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<tr>
<td>Jacob Fiske</td>
<td></td>
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<td>Savona</td>
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<td></td>
<td></td>
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<td>Watkins Glen High School</td>
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<tr>
<td>Tyrome Hairston*</td>
<td>Black River</td>
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<td></td>
<td></td>
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<td>Carthage Central School</td>
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<tr>
<td>Robert Hanni*</td>
<td>Second Major: Sec. Education</td>
<td></td>
<td>Alexandria Bay</td>
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<td></td>
<td></td>
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<td>Hammond Central School</td>
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<tr>
<td>Sarah Heise**</td>
<td></td>
<td></td>
<td>Clayton</td>
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<td>Lyme Central School</td>
</tr>
<tr>
<td>Benjamin Kanya*</td>
<td>PME</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Second Major: Physics</td>
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<td></td>
<td></td>
<td></td>
<td>Nairobi, Kenya</td>
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<td>Karen LaClair*</td>
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<td>Kerhonkson</td>
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<td>Misty LeRoux</td>
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<td>Carthage</td>
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<td>Carthage Central School</td>
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<tr>
<td>Brian Maynard**</td>
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<td>Second Major: Physics</td>
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<td>Eden</td>
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<td>Eden Jr/Sr High School</td>
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<tr>
<td>Michael McHenry***</td>
<td>Second Major: Childhood Educ.</td>
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<tr>
<td>Kari McLoughlin</td>
<td>Second Major: Sec. Education</td>
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<td></td>
<td></td>
<td></td>
<td>Stillwater</td>
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<tr>
<td>April Miller***</td>
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<td></td>
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<td>Lockport</td>
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<td>Royalton Hartland High School</td>
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<td></td>
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<tr>
<td>Amanda Morin**</td>
<td>Second Major: Sec. Education</td>
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<td></td>
<td></td>
<td>Alexandria Bay</td>
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<td>Gansevoort</td>
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<td>South Glens Falls Sr High</td>
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<tr>
<td>Mallory Truax</td>
<td>Minor: Business Admin.</td>
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<td></td>
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<td>Massena</td>
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<tr>
<td>Brett Villnave***</td>
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<td></td>
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<td>Massena</td>
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<td>Massena Central High School</td>
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<td>Zachary Williamson***</td>
<td>PME</td>
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<td>Minor: Physics</td>
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<td>Canton</td>
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<td>S. R. Butler High School</td>
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<tr>
<td>Kathleen Wrobel***</td>
<td>PME</td>
<td>Second Major: Sec. Education</td>
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<td></td>
<td></td>
<td>Third Major: Spanish</td>
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<tr>
<td>Erin Zeiders*** BA/MA</td>
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<td>Jamestown</td>
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<td>Randolph Central School</td>
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</tbody>
</table>
**Mathematics Minors**

Norman Booth*
Major: Economics
Second Minor: Physics

Patricia Burgin
Major: Geology

Kerry Dromgoole***
Major: Music Education

Amber Gooshaw***
Major: Childhood Education

Haley Redmond**
Major: Chemistry

Jamie A. D. Szafran**
Major: Musical Studies
Sec. Major: Computer Science

**Education Majors w/Mathematics Specialization**

Christine Antzak*
Major: Childhood Education

Jessica Barber
Major: Childhood Education

Dana Farley*
Major: Early Childhood Education

Heather Osoway*
Major: Childhood Education

Suzanne Scafidi
Major: Childhood Education

Samantha Weller*
Major: Childhood Education

The following students were awarded a Master of Arts during the period August 2007 to May 2008:

Jason Charleston (BA/MA)
Erin Zeiders (BA/MA)

The following students were awarded a Master of Science in Teaching, Secondary Mathematics during the period August 2007 through May 2008:

Besaw, Brandy
Brabant, Kenneth
Duffy, Patrick
Grant, Stephen+
Hartigan, Nicole+
Kellogg, Theodore+
Reinsch, Amy+
Stevens, Jennifer+
Williams, Stephen

**ACADEMIC ACHIEVEMENT: MATHEMATICS MAJORS**

*August 2007, December 2007, May 2008*

<table>
<thead>
<tr>
<th>College Cumulative</th>
<th>Averages</th>
<th>Number</th>
<th>Cumulative</th>
<th>Number Cumulative Percentage</th>
</tr>
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<tbody>
<tr>
<td>3.75-4.00 (Summa cum Laude)</td>
<td>8</td>
<td>8</td>
<td>33.33</td>
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<tr>
<td>3.50-3.74 (Magna cum Laude)</td>
<td>5</td>
<td>13</td>
<td>54.17</td>
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<tr>
<td>3.25-3.49 (cum Laude)</td>
<td>5</td>
<td>18</td>
<td>75.00</td>
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<tr>
<td>3.0 - 3.24</td>
<td>4</td>
<td>22</td>
<td>91.67</td>
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<tr>
<td>2.75-2.99</td>
<td>2</td>
<td>24</td>
<td>100.00</td>
<td></td>
</tr>
<tr>
<td>2.50-2.74</td>
<td>0</td>
<td>24</td>
<td>100.00</td>
<td></td>
</tr>
<tr>
<td>2.0 - 2.49</td>
<td>0</td>
<td>24</td>
<td>100.00</td>
<td></td>
</tr>
</tbody>
</table>

Graduates with cumulative averages in the range 3.25 - 4.00 receive the designation of having graduated with honors if they have completed at Potsdam at least 60 academic semester hours of which at least 75% have been taken for a numerical grade.

**DISTRIBUTION OF BACHELORS DEGREES**

*AUGUST 2007 - MAY 2008*

<table>
<thead>
<tr>
<th>Number of Degrees</th>
<th>Awarded to Females</th>
<th>Awarded to Males</th>
<th>With Honors</th>
</tr>
</thead>
<tbody>
<tr>
<td>College</td>
<td>690</td>
<td>402 [58.26%]</td>
<td>288 [41.74%]</td>
</tr>
<tr>
<td>Mathematics</td>
<td>24</td>
<td>11 [45.83%]</td>
<td>13 [54.17%]</td>
</tr>
<tr>
<td>Percentage</td>
<td>3.48</td>
<td>2.74</td>
<td>4.51</td>
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</table>

**DISTRIBUTION OF BACHELORS DEGREES AWARDED WITH HONORS**

<table>
<thead>
<tr>
<th>Total Number</th>
<th>Summa cum Laude</th>
<th>Magna cum Laude</th>
<th>cum Laude</th>
</tr>
</thead>
<tbody>
<tr>
<td>College</td>
<td>321 [100%]</td>
<td>127 [39.56%]</td>
<td>106 [33.02%]</td>
</tr>
<tr>
<td>Mathematics</td>
<td>18 [100%]</td>
<td>5 [27.78%]</td>
<td>5 [27.78%]</td>
</tr>
<tr>
<td>Percentage</td>
<td>5.61</td>
<td>3.94</td>
<td>4.72</td>
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</table>

**MINORS COMPLETED BY THE GRADUATES**

Total Minors: (5)

Art Studio (1), CIS (1), Economics (2), Philosophy (1)

<table>
<thead>
<tr>
<th>Graduate Key</th>
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</thead>
<tbody>
<tr>
<td>***Summa cum Laude</td>
</tr>
<tr>
<td>*cum Laude</td>
</tr>
<tr>
<td>(Students completing master’s degree requirements at SUNY Potsdam with a cumulative grade point average of 3.90 or higher are granted the degree With Distinction)</td>
</tr>
<tr>
<td>BA/MA - Student completed 4-year Bachelor’s-Master’s degrees in Mathematics</td>
</tr>
<tr>
<td>PME - membership in New York Phi (campus) chapter of Pi Mu Epsilon</td>
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</tbody>
</table>
SECOND MAJORS COMPLETED BY THE GRADUATES
Total Second Majors: 20 (68.97%)

<table>
<thead>
<tr>
<th>Number</th>
<th>% Math majors</th>
<th>% Second Majors</th>
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<tbody>
<tr>
<td>Education</td>
<td>12</td>
<td>41.38</td>
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<tr>
<td>7-12</td>
<td>[11]</td>
<td>[37.93]</td>
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<td>N-6</td>
<td>[1]</td>
<td>[3.45]</td>
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<tr>
<td>Other</td>
<td>8</td>
<td>27.59</td>
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</tbody>
</table>

(Business Economics (3), CIS (1), Creative Writing (1), Economics (1), Physics (1), and Psychology (1))

Education and Job Offers

Education

Trevor Bradish, MST program, Mathematics, Secondary Education, SUNY Potsdam

Andrew Burgess, MST program, Technology Specialist, SUNY Potsdam

Katrina Bush, MST program, Literacy, SUNY Potsdam

Zachary Williamson, Medical Program, SUNY Upstate Medical, Syracuse, NY

Job Offers

A few of our graduating majors shared with us job offers received and accepted.

Robert Hanni, Math Teacher, Carthage Central School, Carthage, NY

Misty LeRoux, Math Teacher, Lake Pleasant Central School, Spectator, NY

Michael McHenry, Assistant, Adirondack Retreat Center, St. Johnsville, NY

April Miller, Tutor, SUNY Canton-Upward Bound, Canton, NY

Mark Millward, Adjunct Professor, Jefferson Community College, Watertown, NY

Kathleen Wrobel, Teacher, CIEE, Spain
MATHEMATICS MAJORS IN EDUCATION

STUDENT TEACHERS DURING 2007-2008

FALL (1st quarter/2nd quarter)

Robert Hanni, Norwood-Norfolk Central School/Ogdensburg Free Academy
Abel Larkin, Watertown High School/Watertown High School
Misty LeRoux, Carthage Central School/Sacketts Harbor High School
Amanda Morin, Gouverneur Central School/Brushton-Moira Central School

SPRING (3rd quarter/4th quarter)

Trevor Bradish, St. Lawrence Central School/Brushton-Moira Central School
Andrew Burgess, Canton Central School/Hermon-DeKalb Central School
Katrina Bush, Salmon River Central School/Massen Central School
Ashley Denny, Malone School Systems/Malone School Systems
Kari McLoughlin, Glens Falls Central School/Queensbury School System
Kathleen Wrobel, Craryville Central School/Craryville Central School

DEPARTMENTAL SCHOLARS

Childhood Education
Amber Gooshaw
Alison Silver

Secondary Education
Kathleen Wrobel

ASSOCIATION OF MATHEMATICS TEACHERS OF NEW YORK STATE (A.M.T.N.Y.S.) AWARDS

In the Spring of 1992 the Department established the AMTNYS Award to encourage prospective teachers of mathematics.

To be eligible for the award students must be juniors or seniors who have completed at least four courses in the Potsdam College mathematics major (or their equivalent) with an average of at least 3.25 in all mathematics courses taken (transfer grades in mathematics courses will be included in this average). In addition, the student must have declared a major in one of the mathematics teacher certification programs of the School of Education and Professional Studies.

Early Childhood/Childhood Education
Stephany Bremer
Kathryn Edwards
Dana Farley
Alison Silver
Samantha Weller

Secondary Education
Trevor Bradish
Colleen Fagan
Vivian Fischer
Mary Herne
Kevin Matthews
Rose Maxon
Tiffany Terpstra
Jessica Wood
Kathleen Wrobel
SUSAN DEWITT KAISER AWARD

The Susan DeWitt Kaiser Award is given to the graduating mathematics major who has the highest academic average on record prior to the May graduation, who will also graduate with teacher certification, and who has also completed all academic years at Potsdam. The award was established in 1986 by the family and friends of the late Susan DeWitt Kaiser, mathematics teacher, class of 1967.

We are pleased to announce that the 2008 recipient of the Susan DeWitt Kaiser Award is Kathleen Wrobel. She was presented with a certificate and a check by Dr. Joel Foisy at the College Honors Convocation, May 17, 2008, Snell Music Theater.

You can read Kathleen’s statement in the Pi Mu Epsilon section of this newsletter.

Previous Recipients

<table>
<thead>
<tr>
<th>Year</th>
<th>Recipient</th>
<th>Year</th>
<th>Recipient</th>
<th>Year</th>
<th>Recipient</th>
</tr>
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<tbody>
<tr>
<td>1986</td>
<td>Cheri Brunner</td>
<td>1987</td>
<td>Jennifer Every</td>
<td>1988</td>
<td>Donald Straight</td>
</tr>
<tr>
<td>1992</td>
<td>Elizabeth Converse</td>
<td>1993</td>
<td>Tamara Puckett</td>
<td>1994</td>
<td>Kathryn Longacker</td>
</tr>
<tr>
<td>1995</td>
<td>Maria Neleski</td>
<td>1996</td>
<td>Amy DeMitrty</td>
<td>1997</td>
<td>Mandie Phillips</td>
</tr>
<tr>
<td>2001</td>
<td>Mary Jo Lightfoot</td>
<td>2002</td>
<td>Willard Hardin, III</td>
<td>2003</td>
<td>Cory Young</td>
</tr>
<tr>
<td>2004</td>
<td>Kerri Camidge</td>
<td>2005</td>
<td>Brianne Mandryck</td>
<td>2006</td>
<td>Stacy Cole</td>
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<tr>
<td>2007</td>
<td>Michael McHenry</td>
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</tbody>
</table>

AMTNYS FALL CONFERENCE

The Fall conference of the Association of Mathematics Teachers of New York was held in Rochester, at the Convention Center, on October 25-27, 2007. Three faculty and fourteen students from Potsdam attended the conference. Dr. Brouwer and Dr. Madore gave presentations, and the students attended many, many sessions and charmed many vendors out of books and teaching materials. They also solved problems, entered contests and won prizes. Drew Burgess won a set of classroom clickers for Calculus valued at over $1000, and Jillian Dunkleberger received one of only three AMTNYS scholarships awarded this year.
Contributions

We wish to thank all the alumni, faculty and friends of our Mathematics Department who contributed to the Annual Fund (restricted to the Math Department) for 2007-2008. The names are those who contributed as of June 30, 2008. Your contributions serve our students and program in several important ways not the least of which is the production and mailing of our MATHEMATICS NEWSLETTER.

Mrs. Patricia Armstrong
Mrs. Holli Bacon
Mrs. Katharine Bellochio
Mrs. Daureen Bennett
Mr. Jon Blackburn
Lori Blaha
Mrs. Brenda Bodner
Dr./Mrs. Peter S. Brouwer
Mr. George R. Brown
Mr. Leonard Burdick
Mr./Mrs. Theodore Camesano
Mr. Nelson Chase
Mrs. Mary Jean Chester
Mrs. Ruth J. Clark
Mrs. Kathleen J. Combes
Mr. Patrick Corcoran
Mrs. Laurie Cross
Ms. Mary Ann Dermady
Mrs. Paula E. Easton
Dr. Richard Ferraro
Mr./Mrs. Vernon Fitchette
Mr. Joel Foisy
Mrs. Melanie R. Ford
Mrs. Marcia B. Friedberg
Mrs. Phyllis Furman
Ms. Natalie Gilbert
Ms. Susan Ginsberg
Mrs. Wendy Handley
Mrs. Charlotte Hamilton
Mrs. Ellen Itkin
Mr. Thomas Jones
Ms. Ann Marie Kaplan
Mrs. Sheri L. Lichtenberger
Mrs. Regina Lubniewski
Dr./Mrs. Blair Madore
Mr./Dr. Michael Maida
Ms. Karen Martin
Mrs. Terry J. Mayer
Mr. Mark S. Mayhew
Mr. Bryan McKenna
Mrs. Jean R. Michaeisen
Mrs. Rosetta Mistura
Mrs. Deborah E. Morton
Ms. Jane Murphy
Drs. John & Judy Murray
Mr. Gary Pietrocarlo
Ms. Lata Reddy
Mrs. Jeanne Kimmich Roberts
Mr. Thomas Saunders
Dr. Harris Schlesinger
Mrs. Katherine Scott
Mr./Mrs. James Selvek
Dr. Judith Shepard
Dr./Mrs. Clarence Stephens
Ms. Darlene Tegza
Mr. Dwight Tuinstra
Mr. John Urbanic
Mr. David J. Valois
Mrs. Barbara Sullivan Van Yserloo
Mr./Mrs. Craig Walrath
Mr. Barney L. Watson
Ms. Linda Welch-Joseph
Ms. Denise A. White
Mrs. Christine Willmart
Mrs. Brianne Willson
Ms. Rosemary Wilson
AWARDS TO MATHEMATICS MAJORS/MINORS

Mathematics majors received awards and recognition at the School of Arts & Sciences Honors Convocation, May 7, 2008, 4:00 PM, Dunn Dance Theater and at the College Honors Convocation, May 17, 2008, 1:30 PM, Snell Music Theater.

ALEXANDER G. MAJOR AWARD
Haley Redmond

ALUMNI ASSOCIATION SCHOLARSHIP
Margaret Moore

AMERICAN MATHEMATICAL SOCIETY MEMBERSHIP

Tyler Cook
Colin Formanek
Chenxi Lin
Vladimir Makhlis
Sean Maley
Rose Maxon
Matthew Molanare
Laura Powell
Gretchen Tessmer
Jonathan Thompson
Andrew VanNess
Nicholas Zufelt

ASSOCIATION FOR WOMEN IN MATHEMATICS

Allison Charette
Kaitlin Delles
Colleen Fagan
Rose Maxon
Leanne Merrill
Tiffany Terpstra
Jessica Wood

BENJAMIN F. BRADLEY MEMORIAL AWARD
Matthew Molanare

BOYCE SCHOLARSHIP
Andrew VanNess

BREAKY SCHOLARSHIP
Kerry Dromgoole

CAPSTONE SCHOLARSHIP
Cara-Leigh Recker
Shannon Stacy

VASILY CATEFORIS SCHOLARSHIP
Jason Charleson
Erin Zeiders

CHANCELLOR’S AWARD FOR STUDENT EXCELLENCE
Kathleen Wrobel
CRANE YOUTH MUSIC SCHOLARSHIP
Margaret Moore

FACULTY SENATE AWARD
Brett Villnave

HIGH PEAKS SCHOLARSHIP
Jennifer Burke
Andrew VanNess
Kathleen Wrobel

CHARLIE SMITH CALCULUS PRIZES
Calc I - Timothy Ciampa & Kendra Lamb
Calc II - Anne Bruno

CLARK SCHOLARSHIP
Shawn Mead-Gluchacki

JOHN vonNEUMANN SCHOLARSHIP
Daniel Adams
Rose Bierce
Stephany Bremer
Katrina Bush
Allison Charette
Jason Charleson
Timothy Ciampa
Samantha Clark
Brandie Colton
Tyler Cook
Nathan Emrick
Colleen Fagan
Jared Federman
Angelique Feuerbacher
Amanda Fleury
Matt Lavine
Matthew Lynn
Christian Manoleff
Kevin Matthews
Brian Maynard
Mark Millward
Laura Powell
Cara-Leigh Recker
Darrell Rimbert
Umer Shahid
James Snow
Jamie Szafran
Erin Zeiders

LAND INTERNSHIP SCHOLARSHIP
Jamie Szafran

MATHMATICAL ASSOCIATION OF AMERICA
Andrew Brouwer
Colin Formanek
Rose Maxon
Matthew Molanare
Andrew VanNess
Nicholas Zufelt

M.A.A.E.M. (MATHEMATICS ALUMNI AWARD FOR EXCELLENCE IN MATHEMATICS) AWARDS

<table>
<thead>
<tr>
<th>Sophomore award:</th>
<th>Junior award:</th>
<th>Senior award:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cynthia Beal</td>
<td>Andrew VanNess</td>
<td>Jason Charleson</td>
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<tr>
<td>Colleen Fagan</td>
<td>Nicholas Zufelt</td>
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<tr>
<td>Leanne Merrill</td>
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<tr>
<td>Darrell Rimbert</td>
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</table>

MODERN LANGUAGES AWARD (SPANISH)
Kathleen Wrobel

MOUNT EMMONS SCHOLARSHIP
Andrew Brouwer
Rebecca Shoemaker

MOUNTAIN SCHOLARSHIP
Norman Booth
Allison Charette
Jillian Dunkleberger
Matthew Molanare
Haley Redmond
Danielle Trim

NAVIGATOR SCHOLARSHIP
Daniel Adams
Nick Ahlfeld
Trevor Bradish
Jillian Coon
Kaitlin Delles
Amanda Fleury
Steven LaMere
Deanna Lauzon
Donna Leahy
Matthew Lynn
Sean Maley
Ashley Schaad

PACES STUDENT AWARDS
Benjamin Kanya

PACESETTER
Alison Holm
Christian Manoleff
Jessica Ramirez
Jessica Wood

PHILOSOPHY DEPARTMENT’S DISTINGUISHED ACHIEVEMENT AWARD
Matt Lavine

MAA Recipients (l-r) R. Maxon, A. VanNess, M. Molanare, C. Formanek, N. Zufelt
PHYSICS PRIZE
Brian Maynard

PI MU EPSILON SENIOR AWARD
Kathleen Wrobel

PLANTE FUND AWARD
Kathleen Wrobel

STILLMAN MEMORIAL AWARD
Jamie Szafran

SUMMIT SCHOLARSHIP
Sean Clemens
Nathan Emrick
Amber Gooshaw
Marshall Hughes
Matt Lavine
Leanne Merrill
Darrell Rimbert
Nicholas Zufelt

SUNY EMPIRE SCHOLARSHIP
Tyrome Hairston

SUSAN PORTUGAL AWARD
Colin Formanek

SUSAN DEWITT KAISER AWARD
Kathleen Wrobel

TONKIN SCHOLARSHIP
Huidong Yang

TRAILBLAZER SCHOLARSHIP
Rose Bierce
Jason Charleston
Jesse Dettner
Kerry Dromgoole
Colleen Fagan
Colin Formanek
Kari Gadway
Meagan Griffin
Tiffany Terpstra

VALEDICTORIAN SCHOLARSHIP
Jamie Szafran

WARK SCHOLARSHIP
Kristy Devine

WOMEN & GENDER STUDIES SENIOR SCHOLAR AWARD
Kathleen Wrobel

PHI KAPPA PHI
Founded in 1897, Phi Kappa Phi is the largest and most respected honor society in the country, which is open to most students in all academic disciplines. The Potsdam Chapter, one of the two in the State University system, was chartered in 1991.

2008 Inductees:
Trevor Bradish
Andrew Brouwer
Allison Charette
Tiffany Terpstra

The following graduates were inducted in 2007:
Angelique Feuerbacher
Michael McHenry
Gretchen Tessmer
Erin Zeiders

PHI ETA SIGMA
We are happy to congratulate the following mathematics majors for their induction into the national honor society Phi Eta Sigma:

2008 Inductees
Jeremy Amidon
Kaitlin Delles
Jessica Gelsi
Michelle Kenyon
Candice Reavis
Rebecca Shoemaker
Brittany Yando

PAST INDUCTEES:

<table>
<thead>
<tr>
<th>2007 Inductees</th>
<th>2006 Inductees</th>
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<tbody>
<tr>
<td>Stephany Bremer</td>
<td>Daniel Adams</td>
</tr>
<tr>
<td>Allison Charette</td>
<td>Megan Griffin</td>
</tr>
<tr>
<td>Jillian Coon</td>
<td>Tiffany Terpstra</td>
</tr>
<tr>
<td>Vivian Fischer</td>
<td>Danielle Trimm</td>
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<tr>
<td>Deanna Lauzon</td>
<td>Paul Tryon</td>
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<td>Darrell Rimbert</td>
<td>Delia Wohlpenberg</td>
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<thead>
<tr>
<th>2005 Inductees</th>
<th>2004 Inductees</th>
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<tbody>
<tr>
<td>Trevor Bradish</td>
<td>Jodie Schoppmann</td>
</tr>
<tr>
<td>Christine Jordan</td>
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<tr>
<td>Jeffrey St. John</td>
<td></td>
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<td>Roseanne Weaver</td>
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<tr>
<td>Danielle Wheeler</td>
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</table>

Induction into Phi Eta Sigma is based on outstanding academic achievement during the freshman year and is the highest honor now bestowed upon sophomores at SUNY Potsdam.
THE CHARLIE SMITH CALCULUS PRIZES

Beginning in the academic year 1997-1998, through a grant from the San Antonio Area Foundation, an anonymous donor has pledged to donate at least $5,000 per year to a fund in honor of Dr. Charles L. Smith, Professor Emeritus of the Department of Mathematics, bearing the name THE CHARLIE SMITH MATHEMATICS SCHOLARSHIP FUND. Through this fund and under established guidelines of disbursement, substantial cash awards are given to the recipients of the C. S. Stephens Mathematics Scholar Award, the Mathematics Alumni Awards for Excellence in Mathematics and the Charlie Smith Calculus I and II Prizes described below.

The Charlie Smith Prize for Calculus I

This prize is a cash award given to the Calculus I student in the fall of the year who makes the highest score on the common final. In the event of ties, each high scorer shall receive the same (undiminished) cash prize.

The 2007-2008 Charlie Smith Calculus I Prize recipients are: Kendra Lamb and Timothy Ciampa

The Charlie Smith Prize for Calculus II

This prize is a cash award given to the Calculus II student in the spring of the year who makes the highest score on the common final. The student(s) receiving the Calculus II Prize will be recognized at the following year’s School of Arts and Sciences Honors Convocation.

The 2007-2008 Charlie Smith Calculus II Prize recipient is: Anne Bruno
**PRESIDENT’S LIST**

Students named to the President’s List completed during the semester(s) at least 12 hours of numerically graded Undergraduate credit hours, with a grade point average of 3.50 or better.

Fifty-three mathematics majors (that’s 45% of all declared math majors) were named to the list during the 2007-2008 academic year. An asterisk (*) indicates those students named to the President’s Honors during both the fall and spring semesters.

<table>
<thead>
<tr>
<th>Ahlfeld, Nick T.</th>
<th>Hughes, Marshall C.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amidon, Jeremy M.*</td>
<td>Kenyon, Michelle L.</td>
</tr>
<tr>
<td>Barnes, Heather S.</td>
<td>LaClair, Karen A.</td>
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<tr>
<td>Beal, Cynthia L.</td>
<td>Lavine, Matt J.*</td>
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<tr>
<td>Bradish, Trevor J.</td>
<td>Maxon, Rose E.*</td>
</tr>
<tr>
<td>Bremer, Stephany L.*</td>
<td>Maynard, Brian R.</td>
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<tr>
<td>Burgess, Andrew R.</td>
<td>Mead-Gluchacki, Shawn A.</td>
</tr>
<tr>
<td>Charette, Allison R.</td>
<td>Merrill, Leanne E.</td>
</tr>
<tr>
<td>Ciampa, Timothy J.*</td>
<td>Millward, Mark D.</td>
</tr>
<tr>
<td>Clark, Samantha W.*</td>
<td>Molanare, Matthew R.*</td>
</tr>
<tr>
<td>Clemens, Sean J.*</td>
<td>Rathburn, Eric W.</td>
</tr>
<tr>
<td>Coon, Jillian L.</td>
<td>Reavis, Candice M.*</td>
</tr>
<tr>
<td>Delles, Kaitlin D.*</td>
<td>Recker, Cara-Leigh R.</td>
</tr>
<tr>
<td>Dettner, Jesse L.</td>
<td>Rimbert, Darrell J.*</td>
</tr>
<tr>
<td>Dunkleberger, Jillian P.</td>
<td>Sager, Erica L.</td>
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<tr>
<td>Edwards, Kathryn A.*</td>
<td>Smith, Koren</td>
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<tr>
<td>Emrick, Nathan H.*</td>
<td>Shoemaker, Rebecca E.*</td>
</tr>
<tr>
<td>Ezzo, Michael R.</td>
<td>Terpstra, Tiffany M. E.</td>
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<tr>
<td>Fagan, Colleen E.*</td>
<td>Van Ness, Andrew R.*</td>
</tr>
<tr>
<td>Federman, Jared S.*</td>
<td>Villhove, Brett P.</td>
</tr>
<tr>
<td>Fischer, Vivian R.*</td>
<td>Williamson, Zachary J.*</td>
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<tr>
<td>Formanek, Colin M.</td>
<td>Wilson, Amy C.</td>
</tr>
<tr>
<td>Gadway, Kari A.*</td>
<td>Wood, Jessica L.*</td>
</tr>
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<td>Gelsi, Jessica J.</td>
<td>Wrobel, Kathleen M.</td>
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<tr>
<td>Griffin, Meagan E.</td>
<td>Yando, Brittany L.*</td>
</tr>
<tr>
<td>Herne, Mary M.</td>
<td>Zufelt, Nicholas T.*</td>
</tr>
<tr>
<td>Holm, Alison J.</td>
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</tbody>
</table>

**DEAN’S LIST**

Students named to the Dean’s List completed during the semester(s) at least 2 hours of numerically graded Undergraduate credit hours, with a grade point average between 3.25 and 3.49.

Twenty-one mathematics majors were named to the list during the 2007-2008 academic year. An asterisk (*) indicates those students named to the Dean’s List during both the fall and spring semesters.

<table>
<thead>
<tr>
<th>Adams, Daniel J.</th>
<th>Fiske, Jacob B.*</th>
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</thead>
<tbody>
<tr>
<td>Bockus, Joseph R.</td>
<td>Griffin, Meagan E.</td>
</tr>
<tr>
<td>Charette, Allison R.</td>
<td>Hewes, Julie A.</td>
</tr>
<tr>
<td>Deon, Phillip J.</td>
<td>Hughes, Marshall C.</td>
</tr>
<tr>
<td>Ezzo, Michael R.</td>
<td>LaPlante, Sean M.</td>
</tr>
<tr>
<td>Fiscella, Christian T.</td>
<td>Leuze, Colin</td>
</tr>
<tr>
<td>Matthews, Kevin J.*</td>
<td>Liu, Chenyang*</td>
</tr>
<tr>
<td>McKeown, Chris W.</td>
<td>Lynn, Matthew A.*</td>
</tr>
<tr>
<td>Mcloughlin, Kari L.</td>
<td>Manoleff, Christian T.</td>
</tr>
<tr>
<td>Murray III, Jesse D.</td>
<td>Matthews, Kevin J.*</td>
</tr>
<tr>
<td>Shahid, Umer</td>
<td>McKeown, Chris W.</td>
</tr>
<tr>
<td>Stacy, Shannon M.*</td>
<td>Mcloughlin, Kari L.</td>
</tr>
<tr>
<td>Trim, Danielle M.</td>
<td>Murray III, Jesse D.</td>
</tr>
</tbody>
</table>

**Students on the President’s List who earned 4.0 in all their courses:**

<table>
<thead>
<tr>
<th>Amidon, Jeremy</th>
<th>Dettner, Jesse</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bradish, Trevor</td>
<td>Fagan, Colleen</td>
</tr>
<tr>
<td>Ciampa, Timothy</td>
<td>Lavine, Matt</td>
</tr>
<tr>
<td>Rimbert, Darrell</td>
<td>Shoemaker, Rebecca</td>
</tr>
<tr>
<td>Shohid, Umer</td>
<td>Williamson, Zachary*</td>
</tr>
</tbody>
</table>

An asterisk (*) indicates those students who maintained an average of 4.0 during both the fall and spring semesters.
The Clarence F. Stephens Mathematics Scholar Award was established in 1987. This award is given annually by the School of Arts & Sciences and the Mathematics Department to the non-graduating mathematics major who, by his or her achievement in mathematics, best personifies C. F. Stephens’ vision of the mathematics student who is becoming all he or she is capable of being. The award is a $250 credit at the Potsdam College Bookstore and a check from the C. L. Smith Mathematics Scholarship Fund. In addition, the recipient will be designated a Clarence F. Stephens Mathematics Scholar and his or her name will be inscribed on a plaque to be displayed in Carson Hall.

The recipients of the C. F. Stephens Mathematics Scholar award are chosen by the Mathematics Faculty.

The following students in addition to the chosen C. F. Stephens Scholar were considered by the Faculty for this award:

|---------------|-----------------------------|---------------|----------------|---------------|--------------------------|---------------|----------------------------|------------------|-----------------------------|------------------|--------------------------------|------------------|--------------------------------|
**MATHEMATICS ALUMNI AWARD FOR EXCELLENCE IN MATHEMATICS (M.A.A.E.M.)**

**1976 Faculty Award Recipient:**
Susan Hartwig Kirkey  
Massena, NY

The M.A.A.E.M. senior award consists of a check and a framed certificate of award. The name of each recipient is also inscribed on a plaque that is on permanent display in the Mathematics Department area. Both the check and certificate are presented at the College Honors Convocation held in the Spring. Junior and sophomore M.A.A.E.M. awards consisting of credit at the College Bookstore and a certificate are presented at the School of Arts & Sciences Honors Convocation. Funds for the MAAEM awards are provided by our Alumni, through the Department’s College Foundation Account, and by the Charlie Smith Mathematics Scholarship Fund.

**Senior M.A.A.E.M. Award Recipients:**

<table>
<thead>
<tr>
<th>Year</th>
<th>Name</th>
<th>City</th>
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<tbody>
<tr>
<td>1975</td>
<td>Emilio Casero</td>
<td>Niagara Falls</td>
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<tr>
<td>1976</td>
<td>Paul Hafer</td>
<td>Potsdam</td>
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<tr>
<td></td>
<td>Philip Schwartau</td>
<td>Saranac Lake</td>
</tr>
<tr>
<td>1977</td>
<td>Nancy Burger</td>
<td>Vestal</td>
</tr>
<tr>
<td>1978</td>
<td></td>
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<tr>
<td>1980</td>
<td>Sue A. Bauer</td>
<td>Rochester</td>
</tr>
<tr>
<td></td>
<td>Colleen Maloney</td>
<td>Webster</td>
</tr>
<tr>
<td></td>
<td>Stephen O’Keefe</td>
<td>Rochester</td>
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<tr>
<td>1981</td>
<td>Laurinda Corman</td>
<td>Utica</td>
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<td></td>
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<tr>
<td>1982</td>
<td>Nancy Ofslager</td>
<td>Rochester</td>
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<tr>
<td></td>
<td>Ronald Vienneau</td>
<td>Henrietta</td>
</tr>
<tr>
<td>1983</td>
<td>Marcia Borden</td>
<td>Boonville</td>
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<td></td>
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<tr>
<td>1984</td>
<td>Gregory VanSlyke</td>
<td>Riverhead</td>
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<td>1985</td>
<td>Barbara Boytim</td>
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<td>Dwight Tuinstra</td>
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<td>1986</td>
<td>Susan Doriski</td>
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<td>John Kinateder</td>
<td>Wappingers Falls</td>
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<td>1987</td>
<td>Stacy A. Miceli</td>
<td>Williamsville</td>
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<td></td>
<td>Carolyn Stisser</td>
<td>Lydenville</td>
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<td>1988</td>
<td>Donald C. Straight</td>
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<td>1989</td>
<td>Ronald D. Bousquet</td>
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<td>1990</td>
<td>Nga-Shan (Phoebe) Cheung</td>
<td>Hong Kong</td>
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<td>Darwyn C. Cook Parish</td>
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<td>1991</td>
<td>Charles J. Calhoun</td>
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<td></td>
<td>Paula J. Golding</td>
<td>Rochester</td>
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<td>1992</td>
<td>Steven J. Bourgault</td>
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<tr>
<td>1993</td>
<td>Monica Gabriel</td>
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<tr>
<td>1994</td>
<td>Jennifer Ims</td>
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<tr>
<td>1995</td>
<td>Christopher Hilt</td>
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<td>1997</td>
<td>Madelyn Baker</td>
<td>N Bangor</td>
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<td>Heather Delpapa</td>
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<td>1998</td>
<td>Larry A. Butler</td>
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<td>1999</td>
<td>Catherine Dahlheimer</td>
<td>Queensbury</td>
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<td></td>
<td>Katherine Sharrow</td>
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<td>2000</td>
<td>Jennifer Hespen</td>
<td>Ft. Lauderdale, FL</td>
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<td>Jennifer Robinson</td>
<td>Black River</td>
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<tr>
<td>2001</td>
<td>Wesley Cramer</td>
<td>Phoenicia</td>
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<tr>
<td></td>
<td>Doug Van Nort</td>
<td>Bridgewater</td>
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<tr>
<td>2002</td>
<td>Joshua Wood</td>
<td>Gansevoort</td>
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<tr>
<td>2003</td>
<td>Kathryn Barger</td>
<td>Carmel</td>
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<tr>
<td></td>
<td>Eli Drake</td>
<td>Dickinson Center</td>
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<tr>
<td></td>
<td>Keiko Sekiya</td>
<td>Nishinasuno, Japan</td>
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<td>2004</td>
<td>Peter Hernberg</td>
<td>Rochester</td>
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<tr>
<td>2005</td>
<td>Meredith Haas</td>
<td>Corning</td>
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<td>Bishal Thapa</td>
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<td>2006</td>
<td>Mika Irie</td>
<td>Tochigi, Japan</td>
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<td>Trinia-Marie Petrie</td>
<td>Calcium</td>
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<tr>
<td>2007</td>
<td>Elizabeth Harris</td>
<td>Clifton Park</td>
</tr>
<tr>
<td></td>
<td>Erin Zeiders</td>
<td>Randolph</td>
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<tr>
<td>2008</td>
<td>Jason Charleson</td>
<td>Ogdensburg</td>
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</tbody>
</table>
We are pleased to announce that the following were chosen to receive a 2007-2008 M.A.A.E.M. award at the School of Arts & Sciences Convocation, May 7, 2008 Dunn Dance Theater:

**Second Year Students:** Sophomore MAAEM Award Recipients: Cynthia Beal, Colleen Fagan, Leanne Merrill, and Darrell Rimbert

**Third Year Student:** Junior MAAEM Award Recipient: Andrew VanNess and Nicholas Zufelt

In addition to Jason, the following students were considered by the Faculty for the Senior MAAEM Award: Kathleen Wrobel, Brett Villnave, Zachary Williamson, Matt Lavine, Sean Clemens, Brian Maynard, Jessica Wood, Jillian Dunkleberger, and Angelique Feuerbacher.

The Mathematics average of all the students considered ranged from 3.54 to 4.0 with a mean of 3.84 and their College GPA ranged from 3.65 to 3.97 with a mean of 3.82.

We congratulate these students for their high academic achievement.

Born in Ogdensburg. He attended Morristown school before switching to Ogdensburg Free Academy. He graduated from OFA in 2004, and entered SUNY Potsdam.

He is a double-major here at SUNY Potsdam. His second major is in Criminal Justice. He plans on graduating in May 2008. He is currently doing his BA/MA seminar with Dr. Ellingsen. The title of his seminar is: “Modules Over P.I.D.”. His interests include reading, computer games, and dogs. His family owns several Great Danes.

While at OFA, he competed in the high school math contests, and came in amongst the top 5 high school students in St. Lawrence County. In 2001 he also competed in a speech contest at the Ogdensburg Library. He won second place.

While at SUNY Potsdam, Jason has been named a John von Neumann scholar, and was awarded the Jr. M.A.A.E.M. award for the 2006-2007 academic year. He has served as a tutor in politics, philosophy, as well as mathematics in the Student Success Center. After graduation, Jason hopes to go to work for the FBI, using all he has learned in logic and applying it to investigations to help in solving crimes.

Jason states: “Thank you all for the opportunities you have given me. They will serve me well in my career path and advancement opportunities.”
DEPARTMENTAL SCHOLARS

The 2008 Departmental Scholars were:

Jason Charleson            Brett Villnave
Angelique Feuerbacher      Jessica Wood
Zachary Williamson         Kathleen Wrobel

The Department of Mathematics named six senior majors Departmental Scholars in 2008. Each of the students designated had a mathematics average of 3.85 or better and college GPA of 3.69 or better. The highest mathematics average was 4.0 and was attained by one scholar. The highest college GPA was 3.97 and was attained by one Departmental Scholar.

Departmental Scholars: J. Charleson, Z. Williamson

Additional senior mathematics majors with cumulative averages in the range for departmental scholars and who were among the group from which departmental scholars were selected:

- Trevor Bradish
- Jillian Dunkleberger
- Benjamin Kanya
- Brian Maynard
- Allison Charette
- Nathan Emrick
- Matt Lavine
- April Miller
- Sean Clemens
- Meagan Griffin
- Kevin Matthews
- Erin Zeiders

(The mathematics average of these students ranged from 3.48 to 3.97 and their college GPA from 3.53 to 3.96.)

These twelve students had completed at least thirty semester hours in mathematics.

Certificates were presented by Dr. Joel Foisy at the School of Arts and Sciences Honors Convocation held 3:00 PM, May 7, 2008 in Dunn Dance Theatre.

The following mathematics majors were named Departmental Scholars by other academic departments:

- Business Administration: Allison Charette
- Chemistry: Haley Redmond
- Physics: Nicholas Zufelt
- Childhood Education: Amber Gooshaw, Alison Silver
- Secondary Education: Kathleen Wrobel

Honors Program

<table>
<thead>
<tr>
<th>General Honors</th>
<th>Advanced Honors</th>
<th>Distinguished Honors</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trevor Bradish</td>
<td>Jillian Dunkleberger</td>
<td>Benjamin Kanya</td>
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<tr>
<td>Kerry Dromgoole</td>
<td></td>
<td>Matthew LaVine</td>
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<tr>
<td>Haley Redmond</td>
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<tr>
<td>Jamie Szafran</td>
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<tr>
<td>Zachary Williamson</td>
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<tr>
<td>Kathleen Wrobel</td>
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The number of Departmental Scholars in a department may not exceed 5% of the total number of junior and senior declared majors (1st or 2nd) having attained a college GPA of 3.25 or better. There are a large number of mathematics majors deserving to be recognized as Departmental Scholars who are not so recognized because of the 5% restriction. In general, the Mathematics Departmental Scholars are chosen among the graduating senior mathematics majors.
The New York Phi Chapter of Pi Mu Epsilon was established on April 8, 1970 with the following charter members:

**Students:**
- Sandra Caloren
- Gayle Carroll
- William Cavanaugh
- Velda Chamberlain
- Judy Dasno
- Diane Degroat
- Marilyn Facenda
- Charles McWilliams
- Sue Ann Molz
- Diane Schoonerman
- Mark Smith
- Wanda Youngs

**Faculty:**
- James Calarco (Advisor)
- Hector B. Foisy
- Elmer E. Haskins
- Daniel Kocan
- Charles L. Smith
- Clarence F. Stephens

---

**Pi Mu Epsilon - New York Phi**

**The Pi Mu Epsilon Award:** $100 value: The recipient may choose one-year membership in a professional organization, books or a combination.

**Award Recipients:**

<table>
<thead>
<tr>
<th>Year</th>
<th>Students</th>
<th>Faculty</th>
</tr>
</thead>
<tbody>
<tr>
<td>1973</td>
<td>Colleen Guinn&lt;br&gt;Baldwinsville</td>
<td>Richard Gustafson&lt;br&gt;Syracuse</td>
</tr>
<tr>
<td>1977</td>
<td>Ron Olsson&lt;br&gt;Huntington Station</td>
<td></td>
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<tr>
<td>1981</td>
<td>Laurinda Corman&lt;br&gt;Utica</td>
<td></td>
</tr>
<tr>
<td>1985</td>
<td>Barbara Boytim&lt;br&gt;Endicott</td>
<td></td>
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<tr>
<td>1989</td>
<td>Ronald D. Bousquet&lt;br&gt;Champlain</td>
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<tr>
<td>1993</td>
<td>Alexander Weissman&lt;br&gt;Malone</td>
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<tr>
<td>1997</td>
<td>Madelyn A. Baker&lt;br&gt;North Bangor</td>
<td></td>
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<tr>
<td>2001</td>
<td>Doug VanNort&lt;br&gt;Bridgewater</td>
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<tr>
<td>2005</td>
<td>Meredith Haas&lt;br&gt;Corning</td>
<td></td>
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<tr>
<td>1974</td>
<td>Harris Schlesinger&lt;br&gt;Glen Cove</td>
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<tr>
<td>1978</td>
<td>Nancy Burger&lt;br&gt;Vestal</td>
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<tr>
<td>1982</td>
<td>Lydia Hardy&lt;br&gt;Pleasantville</td>
<td></td>
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<tr>
<td>1985</td>
<td>Susan Doriski&lt;br&gt;Hudson Falls</td>
<td></td>
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<tr>
<td>1989</td>
<td>Heidi J. Learned&lt;br&gt;Sandy Creek</td>
<td></td>
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<tr>
<td>1993</td>
<td>Jennifer Ims&lt;br&gt;Webster</td>
<td></td>
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<tr>
<td>1997</td>
<td>Brian Shay&lt;br&gt;Famingville</td>
<td></td>
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<tr>
<td>2001</td>
<td>April Siegler&lt;br&gt;Buena Vista, Georgia</td>
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<tr>
<td>2005</td>
<td>Alice Wilson&lt;br&gt;Potsdam</td>
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<tr>
<td>1975</td>
<td>Barney Watson&lt;br&gt;Canton</td>
<td></td>
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<tr>
<td>1979</td>
<td>Peter Brouwer&lt;br&gt;Potsdam</td>
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<tr>
<td>1983</td>
<td>Marcia Borden&lt;br&gt;Boonville</td>
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<tr>
<td>1987</td>
<td>Kimberly Johannes&lt;br&gt;Greece</td>
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<tr>
<td>1991</td>
<td>Paula J. Golding&lt;br&gt;Rochester</td>
<td></td>
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<tr>
<td>1995</td>
<td>Derrick Koes&lt;br&gt;Potsdam</td>
<td></td>
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<tr>
<td>1999</td>
<td>Lisa Lucas&lt;br&gt;Massena</td>
<td></td>
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<tr>
<td>2003</td>
<td>Jill Spear&lt;br&gt;Salem</td>
<td></td>
</tr>
<tr>
<td>2007</td>
<td>Danielle Wheeler&lt;br&gt;Burke</td>
<td></td>
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<tr>
<td>1976</td>
<td>Paul Hafer&lt;br&gt;Potsdam</td>
<td></td>
</tr>
<tr>
<td>1980</td>
<td>Sue A. Bauer&lt;br&gt;Rochester</td>
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<tr>
<td>1984</td>
<td>Carla Genzel&lt;br&gt;Carthage</td>
<td></td>
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<tr>
<td>1988</td>
<td>Donald C. Straight&lt;br&gt;Massena</td>
<td></td>
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<tr>
<td>1992</td>
<td>Brent J. Carswell&lt;br&gt;Whitehall</td>
<td></td>
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<tr>
<td>1996</td>
<td>Daniel Grazier&lt;br&gt;Chester</td>
<td></td>
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<tr>
<td>2000</td>
<td>Kelly Rivette&lt;br&gt;Troy</td>
<td></td>
</tr>
<tr>
<td>2004</td>
<td>Charles Hoffman&lt;br&gt;Canandaigua</td>
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**Pi Mu Epsilon Officers - 2007-2008**

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
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<tbody>
<tr>
<td>President</td>
<td>Tiffany Terpstra</td>
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<tr>
<td>Vice President</td>
<td>Andy Burgess</td>
</tr>
<tr>
<td>Treasurer</td>
<td>Allison Charette</td>
</tr>
<tr>
<td>Secretary</td>
<td>Trevor Bradish</td>
</tr>
</tbody>
</table>

During 2007-2008 the Chapter inducted 16 new student members, and 2 new faculty members.
We are pleased to announce that Kathleen Wrobel was chosen to receive Pi Mu Epsilon’s 2008 Senior award. Dr. Joel Foisy presented the award at the College Honors Convocation held at 1:30, May 17, 2008 at the Snell Music Theater.

Kathleen Wrobel

Here is what Kathleen has to say: “I am originally from Liverpool, New York - a suburb of Syracuse. I graduated in the top ten at Liverpool high school and came to SUNY Potsdam with many goals and ambitions. I originally came to Potsdam because I felt comfortable on campus and wanted close interaction with professors. After four years at SUNY Potsdam, I am close with many professors. They have encouraged me to think in a different perspective, challenge my limits, and advise me to achieve as much as possible.

I have always loved mathematics and teaching concepts to peers. I decided at a very young age I would be a mathematics teacher and have grown in many ways since, but I remain highly motivated to learn and explore new ideas. I am also graduating with a major in Spanish and a minor in Women and Gender Studies, both of which have influenced my perspectives and desires in life. Following graduation I will be teaching secondary education in Spain for an academic school year, assisting with creating a curriculum for the school and hopefully teaching mathematics. I have been a teacher’s assistant for a Spanish 101 class at Potsdam and have tutored my peers often through Student Success Services. I hope these experiences will be beneficial when I teach next year in Spain. I will miss the home I created at SUNY Potsdam but I am excited about the future.

I would like to thank Dr. Brouwer, Dr. Ellingsen, Dr. Trevizán, Dr. Klawitter, and Dr. Manzotti for being highly influential in my college career. These professors constantly challenged me and supported my endeavors. I consider them friends I highly respect. In addition, I would like to thank my papá and family who have shaped the ambitious person I have become. I thank my mother for her constant love and support of my academic career, as she always had the highest expectations of me. The higher the expectations people had throughout my college career, the more I stretched my capabilities to achieve them. Thank you to anyone I have not mentioned above, that has influenced me throughout my personal and academic trials throughout college.”

2008 PME Senior Award Recipient: K. Wrobel

Pi Mu Epsilon Officers for 2008-2009

<table>
<thead>
<tr>
<th>Co-Presidents</th>
<th>Vice-President</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tiffany Terpstra (Fall)</td>
<td>Rose Maxon</td>
</tr>
<tr>
<td>Andrew Brouwer (Spring)</td>
<td></td>
</tr>
</tbody>
</table>

Secretary
Stephany Bremer

Treasurer
Vivian Fischer

Requirements for Membership in the Chapter

To be eligible for election into the New York Phi Chapter of Pi Mu Epsilon, students must be:

1. Sophomores who are majoring in or intend to major in mathematics, who have completed at least three graded courses of college mathematics including one semester of Calculus, and who have achieved a grade of 4.0 in all mathematics courses taken and an overall grade point average of at least 3.25 (4.0 is the highest possible grade obtained at Potsdam College).

2. Juniors or Seniors who have completed at least four courses in the Potsdam College mathematics major or their equivalent with an average of at least 3.25 in all mathematics courses taken and an overall grade point average of at least 3.0.

3. Graduate students whose mathematical work is at least equivalent to that required of undergraduates who have maintained an average of at least 3.25 in all mathematics courses taken during the two semesters (immediately) preceding their election.

Our events in 2008:

This year our main event was our Spring Induction.

In October several members of PME attended the MAA Seaway Section Fall Conference at Monroe Community College.

We held several meetings during the spring for the coming induction.

In April several members of PME attended the Spring MAA Seaway Section Meeting in Syracuse.

On April 18th, there was a production of “Calculus: The Musical” held in Canton, NY, that several members attended.

On April 19th several members attended the Hudson River Undergraduate Math Conference at St. Lawrence University.

On April 21st several PME members attended and helped to organize the Potsdam Math Alliance presentation “Who Wants to be a Mathematician?”.
New York Phi Chapter Active Membership 2007-2008

Daniel Adams
Trevor Bradish
Stephany Bremer*
Andrew Brouwer
Andrew Burgess
Jennifer Burke*
Allison Charette
Brandie Colton
Jillian Dunkleberger
Kathryn Edwards*
Nathan Emrick*
Colleen Fagan*
Dana Farley
Angelique Feuerbacher
Vivian Fischer*
Colin Formanek*
Amber Gooshaw*
Meagan Griffin*
Benjamin Kanya
Karen LaClair*
Matt Lavine
Matthew Lynn
Sean Maley
Rose Maxon*
Darrell Rimbert*
Jamie Szafran
Tiffany Terpstra
Danielle Trim
Zachary Williamson
Jessica Wood*
Kathleen Wrobel
Nicholar Zufelt*

And one faculty member:

Cornelia Yuen *

(* inducted in Spring 2008)

The Formal Induction of all new members was held on April 13, 2008, at 11:30 a.m. in Thatcher Hall. The Chapter welcomed fourteen students, and 1 faculty, into membership. The guest speaker was John Tambroni.

John Tambroni graduated from SUNY Potsdam in 2003 with a B.A. in Mathematics. In 2004, he earned a M.S.T. degree in Secondary Mathematics Education. He is currently a teacher at Troy High School in Troy, NY and an adjunct instructor at Hudson Valley Community College in Troy, NY. He is currently studying for the G.R.E. exam in hopes of continuing his mathematics education.

Mr. Tambroni’s topic was entitled: “To Infinity and Beyond!” In this talk he explored the numerous wonders of infinity.

The Student Faculty mixer was held on May 9, 2008, in Raymond Hall, and this event debuted the First Annual Math Awards Program for the Mathematics Department. About thirty-five students and faculty attended. Everyone enjoyed themselves and, as usual, the ice breaker was unique.
Mathematics Undergraduate Colloquium Series  
(M.U.C.S.)

We had four excellent presentations this year with an estimated total attendance of 175 people. We were able to have an alumni speaker give two talks. We already have several good events for next year lined up.

Most of our lectures were advertised in the local newspapers, on campus and to our mailing list of regular visitors. Many thanks to all of you who helped make this possible especially our secretary, Toni, Pi Mu Epsilon, and the Honors Calculus Class. Of course this would not be possible without our sponsors - The Department of Mathematics, the Dean of Arts and Science, the Provost and the Honors Program.

Suggestions of good speakers are always welcome. Alumni speakers are especially prized. Please contact me with any suggestions at howaldja@potsdam.edu.

Jason Howald  
Acting MUCS Coordinator

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**Fall 2007**

“How Close can we Get? Recent Progress on Kissing Numbers”  
Friday, November 2nd at 2 p.m. in Carson 202  
Dr. William Martin  
Worcester Polytechnic Institute

“Regulation of Rhythmic Prolactin Secretion: Combined Mathematical and Experimental Study”  
Wednesday, November 28th at 3 p.m. in Carson 201  
Dr. Natalia Toporikova (Postdoc Fellow)  
McGill University

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**Spring 2008**

“To Infinity and Beyond”  
Monday, April 14th at 10 a.m. in Carson 201  
John P. Tambroni, Adjunct  
Hudson Valley Community College

“Forgotten Trigonometry and Euler’s Formula”  
Monday, April 14th at 2 p.m. in Carson 201  
John P. Tambroni, Adjunct  
Hudson Valley Community College
ALUMNI NEWS

1970
Nancy (Goetz) LaHaye. 7 Reitz Circle, Pittsford, NY 14534. Phone: 585/381-0657. Youth Program and Outreach Coordinator. East Rochester Public Library. Email: lawho@frontiernet.net. Nancy runs the children’s library programs and finds creative ways to reach out to the community.

1975
Deb (Bunch) Bunger. 105 Dee Hendrix Rd., Hueytown, AL. Home: 205/497-3552. Email: mh24714@bellsouth.net. Math Teacher. Brooklane Baptist Academy. Deb writes: “This is my 2nd year teaching at this school. It’s been a long time since I’ve done a lot of the math I had. Thanks to great teachers, like Dr. Smith and the late Dr. Kulkarni, it is coming back pretty easily. I stayed at home and homeschooled our children for years. It is very different teaching in a classroom than tutoring one on one. I am enjoying it.”

1980
Karen (Worthen) Beck. 10850 Woodgate Road, Woodgate, NY 13494. Home: 315/392-2072. Email: kbeck@quixnet.net. Homeschool Teacher. Karen writes: “I began to home school my son who was born premature and have continued to school his sisters. I now have David in 6th grade, Bella in 3rd, and Sarah in Kindergarten.”

Matthew Halpin. 55 Sheffield Rd., Winnipeg, Manitoba, Canada R3Y 1P2. Home: 204/489—4957. Office: 204/833-2500, ext. 5627. Email: mhalpin@mts.net. Canadian Air Force Dept. of National Defense. Matthew writes: “I am a Lieutenant Colonel in the Canadian Air Force. I am an Air Navigator currently working as the A3 Maritime Aerospace Readiness Officer, responsible for operational and readiness issues for our maritime fleet. We also manage all the Test and Evaluation activities and Force Generation issues with regards to training, currency and proficiency. I’d be interested to know what Mathematics Alumni may have joined any branches of the US Armed Forces or other countries’ Armed Forces.”

Leonard VanWyck. James Madison University. Leonard writes: “I run the REU site here at James Madison, and I have dabbled a bit in knot theory.”

1983
Kathy (Canough) Conese. 4229 Halfmoon Circle, Liverpool, NY 13090. Home: 315/652-7104. Office: 315/218-3000. Email: pcconese@twcny.rr.com. North Syracuse Schools. Fifth grade teacher. Kathy writes: “Very involved in Space Camp in Huntsville, AL. Last year, I was one of 200 teachers from around the world chosen for the Honeywell Educator’s scholarship, and this was the year that we chose as one of 35, from around the world, to attend a 2 week Advanced Camp. There we trained like astronauts, meet many real life astronauts and people involved with getting us to the moon. I participated in many hands-on workshops, learned robotics, scuba diving for neutral buoyancy, flew simulated missions, and spent 4 days in Florida at the Kennedy Space Center. For pictures and more information about my experience check out my website at: http://nscsd.org/gillette.cfm?subpage+4060.

1984
Karen Cinzio. 1306 Brian Circle, Stewartsville, NJ 08886. Email: kcorman@verizon.net. Math Teacher. Stewartsville Middle School, Greenwich Township School District.

1986
Christopher Coons. 565 Lees Crossing Rd., Johnsonville, NY 12094. Email: ccoons@hughes.net. Vice President of Underwriting. First Cardinal, LLC. Latham, NY. Chris writes: “The above was a recent promotion for me. I oversee both our Underwriting and Risk Management Departments.” Congratulations, Chris!

1988
Greg Stephan. 2733 Poplar Lane, Annapolis, MD 21401. Home: 410/224-1446. Email: stephanqwest@comcast.net. Vice President, Financial Operations. Arbitron. Columbia, MD. Greg is responsible for contracts, billing, AR, credit, collections, commissions and revenue.

1995
Lisa (Lucas) Evans. Syracuse, NY. Email: lisaevans123@gmail.com. Eric Mower and Associates. Lisa writes: “I am now an Interactive Developer...still programming away.”

Charles Rocca, Jr. 284 Willow Springs, New Milford, CT 06776. Home: 860/355-2127. Office: 203/837-9360. Email: cfroccajr@yahoo.com. Associate Professor. Western Connecticut State University. Charles writes: “I am now tenured! Thank you all for the wonderful beginning you gave me!”

1998
Brian Shay. Brian was awarded a Fulbright-Hays scholarship! This prestigious honor was awarded to Brian with a score of 91.5 out of 100. He will be traveling to and around India during the summer of 2008. He will be working with a group of 15 other math and science teachers, from across America, to learn more about the education systems of India. His group will be participating in conferences, meetings, and classes. They will confer with government officials and dignitaries, business executives, teachers and citizens throughout the sub-continent. Their goal is to learn as much as they can about the Indian educational systems, culture, Indian history, and their unique society. The five week experience will run from June 28th to August 8th. Congratulations, Brian!!

1999

2000
Jennifer (Robinson) Vandenbussche. Email: jenn.vandenbussche@gmail.com. Jennifer writes: “I am getting my Ph.D. from the University of Illinois at Urbana-Champaign in May. I’ve been hired for an assistant professor position at Southern Polytechnic State University in Marietta,
GA, which is where we’ve been living for a few years as I finished up from long distance. I especially wanted to thank you for your help when I was getting started along this road – I don’t think I would have pursued a Ph.D. without the encouragement I received from you and Dr. Cateforis.” Congratulations, Jennifer! And thank you for your kind words.

2002
April (Seigler) Quinn. April writes: “Joe and I are doing well. Little Joseph is now 6 months old!! Right now we are in the process of moving to our house in Washington. Joe has entered the language phase of training. This means a more predictable schedule and no time away from home. Hope all is well with you.”

2003
Kathryn Barger. Email: kjb34@hotmail.com. Kathryn writes: “I have recently graduated from Cornell with my Ph.D. in Statistics, and wanted to share this good news. I think of my time in Potsdam very fondly.” Congratulations!

Adam Dow. Email: dowadam@hotmail.com. Adam writes: “Keiko (Sekiya-2003) and I are still living in Albany. Keiko is still in school, working towards her Ph.D., while I work for a pool distributor. Keiko and I married on 8/8/2008 in Hawaii (pictured below), in a small ceremony with our families. We all stayed in Hawaii for five days on the island of Lanai, doing some snorkeling, scuba diving, and horse back riding.” Congratulations Adam and Keiko!!

John Tambroni. Email: notjohn@gmail.com. Teacher. Troy High School/Hudson Valley Community College. John teaches Math at Troy High School and he also teaches part time at a local community college. John writes: “My classes went well this year at the high school. And it is official. I’m now a tenured faculty member at Troy High School! I am thinking of going on for my Ph.D. Will keep you updated.” Congratulations!!

2004
Meredith Machovoe. 5653 Harvest Ridge Way, Lockport, NY 14094. Email: MJMachovoe@aol.com. Scoring and Strategy Development Officer. HSBC Bank. Buffalo, NY. Meredith writes: “I am getting married on November 1, 2008. I am engaged to Nick Lewek. He is the same guy I was dating in college. He surprised me with my great grandmothers’ engagement ring, while I was recovering from ankle surgery! Haven’t decided yet whether to take his name completely or hyphenate it.” Congratulations, Mere!


2006

Alice Wilson. Adjunct. Massachusetts Bay College. Alice states: “Teaching has been an enlightening experience, to say the least. It just impresses me more with the skill of the professors at SUNY Potsdam. Definitely great teachers. In general, I enjoy my students. They do not hesitate to ask questions, and are actually not afraid to come up to the board…..”

2007
Robert Newton. Graduate Student. University of Florida. Email: newton@math.ufl.edu. Rob writes: “Grad school so far has been pretty fun. Teaching isn’t bad, but it’s hard to figure out how much of it is on me, and how much is on my students when they don’t do well. I’ve also taught at 8:30 both semesters now. Maybe that’s penance for an 8:30 course I took before….. The weather is insane here. It never snows! I think you’d lose Dr. Ellingsen and Dr. Madore to deep sea fishing, if Potsdam were down here.”

WE ALSO HEARD FROM:

1985
Charity (Rose) Romero Rose. Email: che428@earthlink.net.

1992
Matthew Somerset DePoint. Email: matthew.s.depoint@us.hsbc.com.

1999
Eric Pomainville. Email: epomainville@mcs.k12.ny.us.

2001
Quincy Loney. Grad Student. SUNY Binghamton. Email: quincyl@math.binghamton.edu.

2004
Charles Hoffman. 1660 S Shore Drive, Apt. A2, East Lansing, MI 48823

2007
Joseph Chontosh. Email: Chonto47@potsdam.edu.
Lost Alumni

1962
McCarthy, Maureen (McCarthy)
Spaulding, Richard

1963
Gwynne, Virginia M.
Keck, Sue A. (Roser)
Ladue, Madge C.
Szmczak, Rosemary (Maugeri)

1964
Amodio, Donna B (Buchanan)
Baumann, Janette
Burvenich, Peter
Hoodes, Michael G.
Kosky, Mary B. (Boeker)
Marasco, Fail (Zaiser)

1965
Bronchetti, Michael R.
Dennes, Joanne M. (Miller)
Gallery, Scott
Miller, Marie
Nunn, Sue B. (Brown)
Shephard, Harry P.

1966
Barbalich, Bessie (Regan)
Firestone, Isabel
Murphy, Sally

1967
Brooks, James
Martin, Linda B. (Bader)
Meyer, Cheryl (Dates)
Miller, John B.
Southard, Juanita (Broad)

1968
Crawford, Cheryl A.
Kassebaum, Alan A.
Rojeski, Jeanette (Thayer)
Saloman, Joanne (Bishop)
Smith, Marjorie A. (Crispin)
Torpie, Kathleen
Walters, Judith S.
Youngdahl, Darelene D (Deuel)

1969
Fay, Winifred F.
Fox, Marilyn (Capels)

1970
Leroy, Linda
Medve, Virginia
Rodger, Gayle C. (Carroll)
Stack, Desmond W.

1971
Grundfast, Wendy A.
Hraban, Edith (Brewi)
Sweet, Mary Lou H. (Robare)
Tanoury, Noreen A.
Vasquez, Thomas
Youmans, Suellen (Cring)

1972
Case, Nettie
Christopher, Victor
Congel, Joseph
McLernon, Ann (Murray)
Zeleski, Patricia

1973
Lawton, Edward J.
Martell, Joanne
Murray, Celia
Nicholson, Gale T. (Gorgonzola)

1974
Benzi, Maria
Corrigan, Judith A.
Evanko, Claire M.
Labounty, Charles G.
Manning, Keith D.
Robinson, Linda E.
Schneider, Carol (Zizio)
Utter, Paula E.

1975
Bowe, Gerald
Mersereau, Nancy A.
Waring, Julie P. (Marchland)

1976
Crowley, Christine M. (Crowley)
Phelps, Ann (Krebs)
Welch, Michael

1977
Olsson, Ronald
Richmond, Kathryn (Martin)

1978
Balk, Karri L.
Brogna, Jane A. (Heckathorne)
Bryant, L. (Gohlke)
Monasky, Mark S.

1979
VanEss, Annette M. (Vernon)
Welch, James Gere

1980
Daigle, Evenlyn D.

1981
Falco, Ralph J.

1982
Hardy, Lydia P.
Helm, Miriam (Reichert)
Nam, Lai Y.

1983
Edgar, Charlene (Howell)

1984
Beeman, Barbara J.
Hayek, Victoria (Reeder)
Roberts, Mark E.
Tompkins, Linda (Richards)

1985
Ani, Roziah B.
Duignan, Robert
Leberer, John J.
Quan, Gene
Secrist, Richard

1986
Bashaw, Chris J.
Chapman, John
Eames, Robin C. (Pronti)
Fitzgerald, Susan J.
Harris, Mary C. (Ripley)
Hatch, Lisa M. (Owens)
Kulkarni, Pushpa
Martin, William J.
Vito, John

1962
Lost Alumni

1962
1963
1964
Gwynne, Virginia M.
Keck, Sue A. (Roser)
Ladue, Madge C.
Szmczak, Rosemary (Maugeri)

1965
Amodio, Donna B (Buchanan)
Baumann, Janette
Burvenich, Peter
Hoodes, Michael G.
Kosky, Mary B. (Boeker)
Marasco, Fail (Zaiser)

1966
Bronchetti, Michael R.
Dennes, Joanne M. (Miller)
Gallery, Scott
Miller, Marie
Nunn, Sue B. (Brown)
Shephard, Harry P.

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Nam, Lai Y.

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Tompkins, Linda (Richards)

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Ani, Roziah B.
Duignan, Robert
Leberer, John J.
Quan, Gene
Secrist, Richard

1986
Bashaw, Chris J.
Chapman, John
Eames, Robin C. (Pronti)
Fitzgerald, Susan J.
Harris, Mary C. (Ripley)
Hatch, Lisa M. (Owens)
Kulkarni, Pushpa
Martin, William J.
Vito, John
Lost Alumni (Cont’d)

1987
Ahmad, Zaridah
Chadwick, John
Herzig, Noelle (Howard)
Miceli, Stacey A.
Murray, Thomas A.
Wuest, Stephen
Zin, Norhanim (Md Zin)

1988
Alba, Adeleh
Drake, Karen M.
McCarthy, Brent J.
Nabinger, Roberta M.
Suzuki, Richard
Tokutomi, Eiichiro

1989
Deberjeois, James
McCormick, Christina A. (Oakes)
Menke, Daphne A. (Peck)
Pellerin, Arthur
Pellerin, Rita (Pirsic)
Poisella, Christopher

1990
Beyde, Clifford A.
Cheung, Nga-Shan P.
Donie, Rebecca
Hall, Christopher J.
Rao, Pamela (Mackie)

1991
House, Melissa
Krajanyak, Desiree
Lambrecht, Sonme (No)

1992
Allgaier, Eric
McCarty, Robert
Perry, Erika
Spoor, Kimberley

1993
Cole, Raymond
Goerlitz, Richard
Mapstone, Katherine (Myers)
Miller, Michael J.
Regruit, Christopher
Thu, Aung
Wolpin, Robin

1994
Bryant, Melissa
Crane, Brian E.
Durant-Cook, Carrie (Durrant)
Hallworth, Jennifer (Ims)
Mattimore, Cassidy (Simser)
Roy, Alain
Williams, Dara

1995
Betrus, Ryan
deJesus, Michael A.
Duncan, Krista L.
Frenia, Jessica A.
McDonald, Michelle L.

1996
Funabashi, Yumiko
Lelito, Sheila A.
Perrin, Theodore
Santorsola, Kathy J.

1997
Cowie, Jannifer
Godici, Katrina
Moughan, Kelly
Rodriguez, Cari-Anne (Pitman)
Vanyo, Tina (Bellinger)
Yurina, John

1998
Flynn, John R.

1999
Cargill, Shawna M.
Domachowski, Bonnie A. (Lallier)
Roth, Albert M.

2000
Bound, Jessica M.
Gloo, Todd
Kelley, Melissa

2001
Krentz, Kimberly
LaComb, Justin
Moore, Anne
Shepherd, Christopher
Wagstaff, Christina

2002
MacQuarrie, Jennifer
Wood, Daryl

2004
Armstrong, Jane
Byder, Mark
Flynn, Margaret
Hart, Richard J.
Hepburn, Bradley
O’Brien, Colleen
Pulford, Stephen

2005
Chin, Stephen
Around the Department

This is where we tell what the faculty were up to through the year; they have, as usual, been busy.

There were papers and books published or reviewed:

Dr. Harold Ellingsen
• Reviewed Instructor Notes for upcoming 4th Ed. Of Larson/Farber’s Elementary Statistics.

Dr. Joel Foisy
• Reviewer, AMS Mathematical Review.
• Reviewer, Zentralblatt fur Mathematik.
• Paper published: Blain, Paul; Bowlin, Garry; Fleming, Thomas; Foisy, Joel; Hendricks, Jacob; Lacombe, Jason. “Some results on intrinsically knotted graphs.” J. Knot Theory Ramifications 16 (2007), no. 6, 749–760.

• Dr. Jason Howald

Dr. Blair Madore
• Setting the Right Tone in Mathematics for Future Elementary School Teachers, by Blair F. Madore and Cheryl Chute Miller, MAA Online, Innovative Teaching Exchange, March 2008
• Wrote Book Review for MAA Reviews of “Advanced Calculus”, by Avner Friedman.

Dr. Cheryl Miller
• Reviewed 3 Chapters of a Math for Elementary Education Textbook (for Houghton Mifflin), December 2007
• Referee paper for PRIMUS Journal, January 2008
• Setting the Right Tone in Mathematics for Future Elementary School Teachers, by Blair F. Madore and Cheryl Chute Miller, MAA Online, Innovative Teaching Exchange, March 2008

Dr. Ray Toland
• Revised Springboard to Calculus: A Workbook Approach, by Toland, RB and Chaney, AB, ThomsonLearning, 2008, 3rd Ed.

Dr. Cornelia Yuen

REU 2006 Students: Andrew Brourwer, Rachel Davis, Abel Larkin, Daniel Studennmund and Cherith Tucker
• Paper published: Intrinsically $S^1$ 3-linked graphs and other aspects of $S^1$ embeddings, Rose-Hulman undergraduate Mathematics Journal, 8, no. 7 (2007).

Papers/books accepted or submitted for publication or in progress:

Dr. Harold Ellingsen
A paper based on the 2007 Summer REU research on groups of units in certain finite commutative group rings (in progress)

Dr. Joel Foisy
• On graphs for which every planar immersion lifts to a knotted spatial embedding, with REU ’04 students Amy De-Cells, Chad Versace, and Alice Wilson, to appear in the journal Involve.
• Correction to “Knotted Hamiltonian cycles in spatial embeddings of complete graphs,” submitted to the New York Journal of Mathematics.

Dr. Derek Habermas
• “Compact Symmetric Spaces, Triangular Factorization, and Cayley Coordinates,” in progress.

Dr. Jason Howald
• Revisted Riffle Shuffling, and a Better Way to Deal the Cards, by Mark A Conger and Jason Howald in final editing. Will be submitted to The American Mathematical Monthly.

Dr. Victoria Klawitter
• The Mohr-Mascheroni Theorem and a Constructive Axiom System for Hyperbolic Geometry (in progress)

Grant Proposals/Participations-Awards

Dr. Harold Ellingsen
• Continuing to administer NSF John von Neumann Scholarship Program, Fall 2004 - present

Dr. Joel Foisy
• Program Director and Faculty Advisor for undergraduate research group in the NSA/NSF-sponsored Potsdam/Clarkson Research Experience for Undergraduates, Summer 2008.
• Research Experience for Undergraduates in Mathematics, providing support for 9 students and 4 faculty to work for 8 weeks in the summer. Second year of three year grant.
• Research Experience for Undergraduates in Mathematics, providing support for 3 students and additional salary support for 3 faculty to work for 8 weeks in the summer. Awarded from the National Security Agency. Second year of two year grant.

Dr. Derek Habermas
• Will be participating in this years’ NSF/NSF Research Experience for Undergraduates, June-July 2008, supervising a group of three students in Lie Algebra.

Dr. Jason Howald
• Will be participating in this years’ NSF/NSF Research Experience for Undergraduates, June-July 2008, supervising a group of four students in Algebraic Geometry.

Dr. Cheryl Miller
• Continuing as key personnel in an NSF grant submitted February 2004, by
Harold Ellingsen and Barbara Nostrand, funded in the fall of 2004- present.

**Dr. Laura Person**
- Received the MAA Seaway Section Clarence F. Stephens Distinguished Teaching Award.
- Nominated for the MAA Deborah and Franklin Tepper Haimo Award for Distinguished Teaching of Mathematics.

**Papers/talks presented or to be presented**

**Dr. Joel Foisy**
- *Intrinsically linked graphs in real projective space*, the Hudson River Undergraduate Mathematics Conference, St. Lawrence University, Canton, NY, April 19, 2008.
- Panel discussion on Undergraduate Research, MAA Seaway Section Meeting, Syracuse University, April 12, 2008.
- *Knots and three-component links in spatially and projectively embedded graphs*, Centro de Investigacion en Matematicas, Universidad Autonoma del Estado de Hidalgo, May 9, 2008.

**Dr. Cornelia Yuen**
- "A Minimal Reduction of Ferrers Ideal", Algebraic Geometry Seminar, Queen’s University, March 2008.
- "A Minimal Reduction of Ferrers Ideal", Algebraic Geometry Seminar, Syracuse University, April 2008.
- Plenary speaker at the 10th Annual Nebraska Conference for Undergraduate Women in Mathematics, February 2008.

**Professional Meetings attended/ Workshops**

**FACULTY**

**Dr. Harold Ellingsen**
- Attended Seaway Section of the MAA Fall Meeting, Monroe Community College, October, 2007.

**Dr. Joel Foisy**

**Dr. Derek Habermas**
- Attended MAA Seaway Section Fall Conference, Rochester, NY, October 19-21, 2007. (Organized attendance for ten SUNY Potsdam students as well.)

**Dr. Jason Howald**
- Attended Section NExT workshop in Syracuse, NY, April 11, 2008.
- Attended MAA Seaway Spring Section Meeting in Syracuse, NY, April 11-12, 2008.
- Attended Hudson Valley Undergraduate Mathematics Conference in Canton, NY, April 19, 2008.

**Dr. Laura Person**
- MAA Seaway Section Meeting, Monroe Community College, October, 2007.
- MAA Seaway Section Meeting, Syracuse University, April 2008.
- Hudson River Undergraduate Mathematics Conference, St. Lawrence University, April, 2008.
- Joint Mathematics Meetings and Project NExT, San Diego, CA, January 2008.
- Directed an ‘Algebraic Geometry Faculty Seminar’ weekly, Fall 2007.
- Directed a ‘Basics of Toric Varieties Faculty Seminar’ weekly, Spring 2008.
- Participated in distance learning course run by Mike Phillips.
- Attended the ‘Nuts and Bolts’ advising workshop.

**Dr. Victoria Klawitter**
- First Annual Anne Right Malone Colloquium, April 18, 2008, SUNY Potsdam.
- Attended ‘Algebraic Geometry Faculty Seminar’. The seminar was directed by Jason Howald, with faculty attending weekly meetings, Fall 2007 and Spring.

**Dr. Blair Madore**
- Science, Math, and Instructional Technology Conference for Grades 4-12 Educators at Clarkson University March 20, 2008.

**Dr. Cheryl Miller**
- POD (Professional & Organizational Developers Network), Pittsburgh PA,
October 2007
• Associated Colleges Teaching Effectiveness Conference, Potsdam, NY, November 2007
• TLT Day, Potsdam, NY, January 2008
• SUNY Professional Development Conference, Syracuse, NY, March 2008
• (registered to attend) CIT Conference, Batavia, NY, May 2008

Dr. Laura Person
• MAA Seaway Section Meeting, Syracuse University, April 2008

Dr. Cornelia Yuen
• MAA Seaway Section Meeting, Monroe Community College, October, 2007
• MAA Seaway Section Meeting, Syracuse University, April 2008
• Hudson River Undergraduate Mathematics Conference, St. Lawrence University, April, 2008.
• Joint Mathematics Meetings and Project NExT, San Diego, CA, January 2008
• “Route 81 Conference on Commutative Algebra and Algebraic Geometry”, Ithaca, NY, September 2007.
• 10th Annual Nebraska Conference for Undergraduate Women in Mathematics.
• AMS Sectional Meeting – Baton Rouge, LA
• Project NExT Sessions and MathFest – San Jose, CA, August 2007.

STUDENTS
The following students attended the Fall MAA Seaway Section Conference, Rochester, NY, October 19-21, 2007:
Jesse Dettmer
Meagan Griffin
Colleen Fagan
Rose Maxon
Tiffany Terpstra
Allison Charette
Ryan LaBarge
Kofi Ramsey
Joshua Manley
Durriya Pierce

The following students attended the Fall AMTNYS conference, October 25-27, 2007 in Rochester, NY.
Kathleen Wrobel
Trevor Bradish
Andrew Burgess
Karie McLaughlin
Ashley Denny, and
Jillian Dunkleberger, as well as many other MST, MEd and Elem. Ed. Students.

Rose Maxon attended the Tenth Annual Nebraska Conference for Undergraduate Women in Mathematics (NCUWM), Lincoln, NE, February 8-10.

The following students attended the Spring MAA Seaway Section Conference, Syracuse, NY, April 11-12, 2008.
Jesse Dettmer
Colleen Fagan
Meagan Griffin
Daniel Hammack
Ryan LaBarge
Rose Maxon
Andrew VanNess
Umer Shahid
Allison Charette
Jeremy Amidon

The following students attended “Calculus: The Musical”, part of the Hudson River Undergraduate Mathematics Conference, Canton, NY, April 18, 2008.
Michelle Kenyon
Tiffany Terpstra
Sean Clemons
Brittany Yando
Rebecca Shoemaker
Jessica Gelsi
Jesse Dettmer
Rose Maxon
Paul Tryon
Nathan Emrick
Daniel Hammack

In addition, Jeremy Amidon and Colleen Fagan attended Hudson River Undergraduate Mathematics Conference, Canton, NY, April 18-19, 2008.

Other Professional Activities:
Dr. Carroll Boswell
• Faculty advisor for the graduate seminar on Differential Geometry and Lie Groups by Benjamin Kanya, Fall 2007/Spring 2008.

Dr. Harold Ellingsen
• Directed a group of four students in the Potsdam/Clarkson Summer REU on groups of units in certain finite commutative group rings, Summer 2007.
• Directed a BA/MA student on his seminars in Finitely Generated Modules over a PID, Fall 2007.
• Served on two students’ Master’s Oral Exam committees, Fall 2007.

Dr. Joel Foisy
• Attended Jason Charleston’s Master’s Seminar on Finitely Generated Modules over a PID, Fall 2007.

Dr. Derek Habermas
• Chair of Student Program Committee for MAA Seaway Section: Organized the student program for the MAA Seaway Spring Section Meeting in Syracuse, NY, April 11-12, 2008.
• Attended SUNY “Item-Writing Workshop: Mathematics GE Outcomes” in Syracuse, NY, April 24-25, 2008

Dr. Jason Howald
• Potsdam/Clarkson REU on Motivic Integrals
• Setcraft: Online Javascript set theory calculation/exploration tool intended for Moth 340. I developed, implemented, deployed, and open-sourced this new tool.

Dr. Victoria Klawitter
• Attended: Learning Outcomes Assessment for Arts & Sciences, a Spring 2008 LTEC Event

Dr. Blair Madore
• Reviewed two research proposals (on analysis) for the Civilian Research and Development Foundation.
• Judicial - Was Hearing Officer for one calculus related case, April, 2008.
• Taught two GRE preparatory courses for TESTPREP at Clarkson University. Will teach another June-July for CSTEP students.
• Organized American Mathematics Competitions event at SUNY Potsdam, Tuesday, February 12, 2008. 158 students from 8 local high schools participated.
• Organized, with student Jillian Dunkleberger, “Road Scholar” event for Middle School Regional Science Olympiad at SUNY Potsdam, March 15, 2008.
• Taught enrichment mathematics for selected Grade 4 math students at Lawrence Ave Elementary school, one hour per week. Several Math for Elementary Education students were able to work with me. This gave them some early “field experience”.
• Visited Schools on Tuesday, November 14, and presented to six different classes from grade 9 to AP calculus on “Tangrams, Magic Squares, Knight’s tour, and the Monty Hall Problem”.
• Served as Marshall at Master’s Convoca-
On February 12, 2008 the Mathematics department hosted 158 high school students from 8 local schools to compete in the American Mathematics Competitions.

This year we had students from Beaver River, Brushton-Moira, Canton, Gouverneur, Lisbon, Parishville, Potsdam and Watertown. 77 students did the AMC12 contest for juniors and seniors while 81 did the AMC10 contest for freshmen and sophomores.

This contest was organized by Dr. Blair Madore but was a real success because of the many people who contributed their time and energy. Dr. Howald entertained students before the contest with juggling, and Dr. Foisy was host to the teachers during the contest. Dr. Jason Howald and Dr. Cornelia Yuen helped set up and proctor the contest as well. Casey Nelson allowed us to use the MPR, an excellent venue to host off campus groups. Finally, Toni Oakes, as always, helped with the many, many tasks necessary to make this event possible.

The Fall conference of the Association of Mathematics Teachers of New York (AMTNYS) was held October 25-27 at The Rochester Convention Center in Rochester, New York.

We held a Potsdam Alumni reception on Friday night after the AMTNYS banquet to meet with alumni at the conference. There was only 7 alumni in attendance, but the more than 20 students really filled out the room.

We met many more alumni at the conference who could not make the reception.

Our fifth annual Beginning of the Academic Year mixer went over well, with about 20 students joining faculty, staff and family for a tasty get together in Raymond Hall.

Again, SUNY Potsdam, under the direction of Dr. Rob Badger in Geology, held a regional Science Olympics event called Road Scholar. It was a great success. Under the direction of Dr. Blair Madore, a BA/MA mathematics/education student, Jillian Dunkleburger, wrote a 6 page story entitled “The Case of the Fisherman’s Ghost”, starring Scooby Doo and the Mystery, Inc. Gang as they traveled to Alaska to solve a very important case. Embedded in the story were several questions based on road and topographical maps about map reading including distances, slopes, directions and more. Road Scholar was just one of about 20 events offered to 7 local middle school teams on March 15, 2008.

Dr. Cheryl Miller
• Outside Reviewer of PhD dissertation for David Kistler, the dissertation was submitted in June for comments by reviewers and defense will take place fall 2008.
• Regularly attended Graduate Seminar by Jason Charleston in Fall 2007
• Volunteered as Judge for “Mystery Architecture” in the Science Olympiad held March 15, 2008. Assisted in the creation of the project, and judging, by Math student, Tiffany Terpstra.

Dr. Laura Person
• Directed graduate seminar Complete Metric Spaces (Fall) for student Jillian Dunkleberger

Dr. Cornelia Yuen
• Attended ‘Algebraic Geometry Faculty Seminar’. The seminar was directed by Jason Howald, with faculty attending weekly meetings, Fall 2007 and Spring 2008.
• Participated in the New Faculty Seminar, Fall 2007 and Spring 2008.
• Participated in the Semi-Annual Workshop and the Nuts-and-Bolts Advising Workshop, Fall 2007.
The Vasily Cateforis Scholarship

The Vasily Cateforis Scholarship fund was established in 2004, and the first award was presented in the Fall of 2007. This award is given annually, by the Mathematics Department, to non-graduating mathematics majors, who are fully admitted into the BA/MA Program. The award is a minimum of $1000 from the Vasily Cateforis Scholarship Fund, and the ultimate, long-term goal is to reach $100,000 for multiple scholarships. The recipients of the Vasily Cateforis Scholarship award are chosen by the Mathematics Faculty.

Since 2004, when we announced the beginning of the Vasily Cateforis Scholarship Fund, we have made great progress and are very pleased to announce that we were able to award our first scholarships in the Fall of 2007. This is a great beginning for this scholarship. The first awards were presented at a special fund raising reception held at the home of SUNY President, Fritz Schwaller. The awards were presented by Dr. Cateforis, himself, and the honorary alumnus chair of the scholarship committee, Dr. Kathy Weld. The reception was a huge success and was attended by many Mathematics Emeriti and their families, as well as many BA/MA students.

The first recipients of the Vasily Cateforis Scholarship, in 2007, were Jason Charleson and Erin Zeiders.

The 2008 recipients of the Vasily Cateforis Scholarship were Andrew Brouwer and Nicholas Zufelt.
CLARKSON-POTSDAM REU

The summer of 2008 (June 4-July 27) is the second of the current three summer (2007-2009) cycle, and the eighth consecutive program, sponsored by an NSF Research Experiences for Undergraduates (REU) Program jointly conducted with Clarkson and housed in our department. Dr. Foisy is the Director of the program, as well as being one of four Faculty Advisors; the others were Dr. Derek Habermas, Dr. Jason Howald, and Dr. Christino Tamon (from Clarkson University). There were thirteen student participants in the program. They (and their institutional affiliation) were:

Dr. Foisy’s Knot Theory Group
Jared Federman, SUNY Potsdam
Kristin McNamara, James Madison University
Emily Stark, Pomona College

Dr. Tamon’s Graph Theory Group
Shawn Mead-Gluchacki, SUNY Potsdam
Ana Best, McGill University
Markus Kliegl, Swarthmore University

Dr. Howald’s Algebraic Geometry Group
Colin Formanek, SUNY Potsdam
Cihan Karabulut, Montclair State
Zhixiu Tu, Bard College
Jason Wilkes, Appalachian State

Dr. Habermas’s Lie Algebra Group
Robin Brooks, Trinity College
Karol Kozioł, New York University
Kristen Trickey, Clarkson University

A field trip to the high peaks, for some hiking, was very invigorating for some of our REU students. The hike was followed by a barbeque.

There was the occasional luncheon in the Mathematics Coffee Room....and.....

Dr. & Mrs. Tamon also hosted a barbeque at his house on July 4th with lots of great food, conversation and even some thumb wrestling thrown in!
The REU program was greatly enhanced by colloquium speakers:

Michael Gage, University of Rochester  
“Applications of geometric probability to differential geometry: How much curvature is needed to close a curve?”  
Thursday, June 5, 11:00 a.m., 202 Carson Hall

Lew Ludwig, Dennison University  
“Links and stick knots”  
Thursday, June 12, 11:00 a.m., 202 Carson Hall

Jeffrey Weeks, Independent Mathematician  
“What is a hyperbolic knot?”  
Friday, June 20, 11:00 a.m., 202 Carson Hall

Natalia Toporikova, McGill University  
“Spiking, Firing, Bursting: neurons on the move.”  
Friday, June 27, 11:00 a.m., 202 Carson Hall

Kimberly Kinateder, Wright State University  
“Physics, Graph Theory and Frustration”  
Monday, June 30, 11:00 a.m., 202 Carson Hall

Dr. James Lynch, Clarkson University  
“What is Systems Biology”  
Thursday, July 10, 11:00 a.m., Snell Hall, Clarkson University

Dr. Michael Puls, John Jay College of the City University of New York  
“Connections between groups, geometry, and graph theory”  
Thursday, July 15, 11:00 a.m., 202 Carson Hall.

Martinez Avendano Ruben Alejandro, Universidad Autonoma del Estado de Hidalgo  
“Arrow’s Theorem, or why democracy is bad but everything else is worse.”  
Thursday, July 17, 11:00 a.m., 205 Carson Hall

Jo Ellis-Monaghan, St. Michael’s College  
“Graph Theory Designs for DNA Nanostructures”  
Tuesday, July 22, 11:00 a.m., 205 Carson Hall

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**Summer of 2007:**

It is of interest to note what happened to some of the participants of last summer’s (2007) Clarkson-Potsdam REU:

**Kevin Matthews** is a graduate student at the University of Montana  
**Kristen Trickey** is an undergraduate student at Clarkson University  
**Jason Charleston** is an undergraduate student at SUNY Potsdam  
**Timur Nezhmetdinov** is a graduate student at the University of Wisconsin-Madison  
**Jason Bustamante** is a graduate student at the University of Montana.  
**Gretchen Tessmer** is an undergraduate student at SUNY Potsdam.  
**Maria Williams** is a graduate student at the University of Tennessee  
**Dillon Ethier** is an undergraduate student at Clarkson University.  
**Jennifer Lin** is an undergraduate student at Princeton.  
**Erin Zeiders** is an undergraduate student at SUNY Potsdam.
### PROFILE OF JUNIOR MATHEMATICS MAJORS – July, 2008
An Analysis of Ability and Achievement

SUNY POTSDAM/ Potsdam, NY  13676-2294

#### COLLEGE CUMULATIVE AVERAGES

<table>
<thead>
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<th>AVERAGES</th>
<th>TOTAL</th>
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<th>CUM. PCT.</th>
<th>MEAN</th>
<th>MEDIAN</th>
<th>MAXIMUM</th>
<th>MINIMUM</th>
<th>BELOW 3.0</th>
<th>CUM. TOTAL</th>
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<td>3</td>
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<td>3.70</td>
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<td>0</td>
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### VERBAL SAT SCORE (2007 Averages: NATIONAL - 502 NEW YORK - 502)

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### COLLEGE CUMULATIVE AVERAGES

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# Profile of Senior Mathematics Majors – July, 2008

An Analysis of Ability and Achievement

**SUNY POTSDAM/ Potsdam, NY  13676-2294**

## College Cumulative Averages

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### Math SAT Score (2006 Averages: NATIONAL - 515  NEW YORK - 515)

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### Verbal SAT Score (2006 Averages: NATIONAL - 502  NEW YORK - 502)

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