

**SEAWAY SECTION
MATHEMATICAL ASSOCIATION
OF AMERICA**

**2005 SPRING MEETING
April 1-2, 2005
Queen's University**

PROGRAM

**Friday Afternoon BanRighHall, Fireside
RoomSeaway NEXt Workstop**

- 12:00 – 1:15 Lunch and Registration
 1:15 – 2:00 *Integrating Biology into the
Calculus II Curriculum,*
Gary Towsley, SUNY Geneseo
 2:15 – 3:05 Panel: *Preparing Students for
Graduate School*
 3:30 – 4:15 *Getting Students to Write Good
Proofs, I*
Morris Orzech,
Queen's University
 4:25 – 5:10 *Getting Students to Write Good
Proofs, II*
Melissa Southerland and
Jeff Johannes, SUNY Geneseo

(Details of the workshop program are available on the
Seaway NEXt web site, accessible from
www.math.binghamton.edu/maa_seaway/)

**Friday Afternoon Jeffery Hall
Conference Room 512**

- 3:00 – 6:00 Meeting of the Executive Committee

**Friday Evening, Lower Ban Righ Dining
Room**

- 6:00 – 7:00 Social Hour (cash bar)
 7:00 – 8:30 Banquet, and Presentation of

Distinguished Teaching Award

- 8:30 – 9:30 *What Art Can Teach Us about the
Art of Teaching*
Peter Taylor, Queen's University

**Saturday Morning, Stirling Hall,
Lecture Theatre D**

- 08:40 – 08:45 *Welcome*
 08:45 – 09:35 *The Foundational Crisis in
Mathematics in the Period
1890 – 1935*
Ole Nielsen, Queen's University
 09:45 – 10:35 *Discovering Galileo*
Olympia Nicodemi,
SUNY Geneseo
 10:35 – 11:00 Business Meeting
 11:10 – 12:00 Gehman Lecture: *The Ring of
"Integer"-Valued Polynomials*
David Lantz, Colgate University
 12:00 – 1:30 **Lunch** Ban Righ Dining Hall

Saturday Afternoon Stirling 412 a

- 1:30 – 1:55 (6) *A Weighted
Arithmetic-Geometric Mean Type
Inequality* James Morengo, RIT
 2:00 – 2:25 (8) *Minimum Flow Number of
Some Graphs*
Hossein Shahmohamad, RIT
 2:30 – 2:35 (9) *Upper Bounds for the Length of
a Finite Dimensional Algebra*
Daniel Birmajer, Nazareth College
 3:00 – 3:25 (7) *The Westergaard Functions in
Fracture Mechanics*
Kevin Dempsey,
Clarkson University
 3:30 – 3:55 (12) *On Newton's Law of Cooling*
Sam Northshield, SUNY Plattsburgh

Saturday Afternoon Stirling 414

- 1:30 – 1:55 (14) *On the Divergence of p -series
when $p > 1$*
Hossein Behrooz, Utica College
 2:00 – 2:25 (10) *Initial Value Problems with
Multiple Solutions*
Mark McKinzie,
St. John Fisher College
 2:30 – 2:55 (1) *Elementary Statistics: Two
Different Approaches*
Marlo Brown, Niagara University
 3:00 – 3:25 (5) *"Real Life" Mathematics for
Mathematics Teachers*
Robert Rogers, SUNY Fredonia
 3:30 – 3:55 (15) *Mathematics in Action:
Student Projects for a General
Education Class in Mathematics*
Bronlyn Wassink,
SUNY Binghamton

Saturday Afternoon Stirling 501

- 1:30 – 2:55 (13) *Panel Discussion: Issues in
Teacher Education*
Moderator: Carol Bell, SUNY Cortland;
Organizers: Carol Bell and Dawn Jones,
SUNY Brockport
 3:00 – 3:25 (3) *The Special Nature of the
Knowledge Needed for Teaching
High School Mathematics*
Jack Narayan, SUNY Oswego
 3:30 – 3:55 (11) *Connecting High School and
Undergraduate
Mathematics*
David Kenoyer, SUNY Plattsburgh

Saturday Afternoon Stirling Theatre C

1:30 – 1:55 (4) *Group Explorer - Visualization in the Abstract Algebra Classroom*

Brad Emmons, Utica College

2:00 – 3:55 (2) *Lines, Definitions, Radicals and More: A Presentation of Teachers' Masters Projects in School Mathematics*

Keary Howard (Organizer),
SUNY Fredonia

Saturday Afternoon Stirling 412 C

Student Program: Organized by Jeff Johannes, SUNY Geneseo. Any student wishing to contribute a talk should send the title and brief abstract to **johannes@geneseo.edu**.

Registration Meals, and Refreshments

Registration will take place in the Lower Ban Righ Dining Room on Friday evening during the social hour from 6:00 to 7:00, and on Saturday morning from 8:00 until 11:00 in the Stirling Hall foyer. Refreshments and the book display will also be in Stirling Hall Foyer on Saturday morning. Lunch will be served in the Ban Righ Dining Hall.

Directions to Queen's University

From Highway 401 (Macdonald-Cartier Freeway), exit at Division Street (Exit 617). Go south on Division Street, passing under the 401. Continue south on Division Street until it ends at Union Street. You will be on the Queen's University campus. Turn right onto Union Street. Before 5:00 pm on Friday, turn left on University Avenue. The entrance to the parking garage is to the left at the T-intersection where University Avenue meets Stuart Street. After 5:00 pm on Friday, continue past University Avenue (on Union Street) and use the large parking lot that is to your left.

Please refer to the meeting website for detailed directions to the hotels, and from the hotels to Queen's University. There are also campus maps available on this site.

Parking information

After 5:00 p.m. on Friday you may park in any lot on campus at no charge. The main parking lot is between Albert Street and University Avenue. The entrance is on the south side of Union Street.

Before 5:00 on Friday, parking in the main campus parking lots is by permit only. Visitors may park in the

underground parking garage at University Avenue and Stuart Street. The entrance to the garage is on Stuart Street immediately to the east of University Avenue. The cost is \$2.00 per hour at all times (to a maximum of \$12.00).

Acomodations

Blocks of rooms have been reserved at three hotels. Please see the meeting website for details.

Meeting Website

Driving directions, maps, an online registration form, information about hotels, and the latest program details may be found at the meeting website:

<http://www.mast.queensu.ca/maa/index.php>

Please post and distribute.

NEXT MEETING:

2005 FALL MEETING

October 28-29, 2005

SUNY Geneseo