

# Campus Currents



May  
2007

NEWS FOR THE SAINT MICHAEL'S COLLEGE COMMUNITY



## Service Award Named for vanderHeyden; Bolduc, Others also Honored at Statehouse



Marc vanderHeyden

**PRESIDENT MARC VANDERHEYDEN** was honored with the creation of a service award in his name established by the statewide student service organization Vermont Campus Compact (VCC). **The Marc vanderHeyden President's Service to Vermont Award** was presented by Governor James Douglas in ceremonies at the Vermont Statehouse in Montpelier on March 29.

In presenting the award, Douglas said, "This award is for someone who has provided leadership to the higher education community, someone whose efforts we appreciate, whose work spreads well beyond the Saint Michael's community to serve the whole state of Vermont." The governor praised President vanderHeyden for his work on such boards as the Vermont Business Roundtable, the Association of Vermont Independent Colleges, the New England Board of Higher Education, Vermont Campus Compact, and more.

"It is our responsibility to be an example to our students," President vanderHeyden said. "Education doesn't mean much if it doesn't affect their behavior—students must become good citizens, good parents, good members of communities." The Marc vanderHeyden Service to Vermont Award was sponsored by Dinse Knapp McAndrew, attorneys, as was the entire VCC Gala, along with sponsorship of Banknorth TD.

**VINCE BOLDUC**, professor of sociology, received the top award for Excellence in Community-Based Teaching. Since the 1970s, Bolduc has been engaging students in a range of sociology research projects for the benefit of statewide organizations and the students. His course, Poverty, has introduced numerous students to conditions they never would have witnessed, through Bolduc-led service trips to Appalachia and Selma, Alabama. His Peace and Justice course has been key in bringing service learning into various courses.

Also, **LORRIE SMITH**, professor of English, was a finalist for the Campus Leadership for Civic Engagement Award. Professor Smith's leadership has provided Saint Michael's with an official academic recognition of service learning. Her interdisciplinary course on the slave trade in Ghana "has provided a model for quality service-learning at the College."

**PATRICIA SIPLON**, associate professor of political science, was a finalist for the Engaged Scholar Award. She was cited for involving students in community engagement through her service-learning courses, her work as adviser to student groups, and as a guest lecturer. Her work with HIV/AIDS was noted especially.

Students **REBECCA RICHARD**, **KATHRYN SCHNURR**, and **MAGGIE COLACCHIO** also received awards at the ceremony for their service work, and the **MOVE** office's partnerships with the St. Francis Xavier School and with the Committee on Temporary Shelter were recognized as finalists for Partnership Awards.

## INSIDE THIS ISSUE:

- RECORD NUMBER OF SAINT MICHAEL'S STUDENTS AT MATH CONFERENCE IN NEW YORK
- VERMONT GENETICS NETWORK ANNOUNCES SEVERAL GRANTS TO SAINT MICHAEL'S STUDENTS AND PROFESSORS FOR THE COMING YEAR
- TWO SENIOR PSYCHOLOGY MAJORS PRESENT AT RESEARCH CONFERENCE IN MASSACHUSETTS.

## Saint Michael's 2007 Baccalaureate and Commencement Ceremonies

### WEDNESDAY, MAY 16

3:00 p.m. ■ Ross Sports Center

**Baccalaureate:** President Marc vanderHeyden presiding, with Most Reverend Salvatore R. Matano, Bishop of Burlington as main celebrant and homilist. *See calendar for details.*

### THURSDAY, MAY 17

10:00 a.m. ■ Ross Sports Center

**Commencement Ceremonies:** Cokie Roberts, political commentator for *ABC News* and *National Public Radio*, will give the main address. *See calendar for details.*





## FACULTY/STAFF NEWS

Professors **MAHMOUD ARANI**, **JOHN HALLIWELL**, and **ELIZABETH O'DOWD** of the School of International Studies (SIS), presented a paper on the findings of the first phase of their action research project at the 41st Annual TESOL (Teachers of English to Speakers of Other Languages) Convention and Exhibit March 21-24, in Seattle, Washington. The topic of their paper was "The Participatory Teaching of Grammar: An Innovative Approach in Teaching Grammar to L2 learners." Also at the convention, **CHRISTINE BAUER-RAMAZANI**, instructor in the Department of Applied Linguistics, gave an invited presentation with other experts at the organization's Academic Session of the Speech, Pronunciation, and Listening Interest Section. Her topic was "Technology & Speech: The Effectiveness of Computer Technology in Teaching Speaking and Pronunciation Skills." Christine also gave a demonstration of a six-week online workshop on "Teaching with PowerPoint," which she had authored and co-moderated to 158 participants worldwide in January and February. As a Steering Committee member of the Computer-Assisted Language Learning Interest Section of TESOL, Christine organized and led several events at the convention.

**RENEE CARRICO**, assistant professor of psychology, presented at the Biennial Meeting of the Society for Research in Child Development in Boston this April. Her poster, "Hand transport and grasp in infancy: Effects of target size and vision," summarized research on the development of infant reaching, conducted in collaboration with Neil Berthier of UMass-Amherst.

**DAVID CUTLER**, physical plant director, was elected to a two-year term as president of the Northern New England Chapter Eastern Region of the Association of Physical Plant Administrators. The president presides over the local chapter and represents the Maine, New Hampshire and Vermont region with APPA International. Previously Dave was the vice president, and he also serves on the Education Committee.

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## Saint Michael's Students Shine at Math Conference

Five faculty accompanied a record number of Saint Michael's College students who gave presentations at the 14th annual Hudson River Undergraduate Mathematics Conference at Siena College in Loudonville, New York, April 21. The 13 students gave 16 papers at the professional-level day-long conference. Participants came from 44 colleges and universities with more than 500 students and faculty members present.

Math faculty, **GEORGE ASHLINE**, associate professor; **JO ELLIS-MONAGHAN**, associate professor; **JAMES HEFFERON**, professor and chair; **ZSUSZANNA KADAS**, professor, and **GRETA PANGBORN**, assistant professor of computer science, accompanied the students to the conference and served as session chairs. Student participants, their papers, and their advisers included the following:



*George Ashline*



*Zsuzanna Kadas*

- **ANDREA AUSTIN '08** presented "The Circuit Partition Polynomial and Applications to the Tutte Polynomial" (Mathematics; adviser: J. Ellis-Monaghan) and "Cardinality and Zornes Lemma" (Mathematics; adviser: J. Hefferon).
- **LAURA BEAUDIN '08** presented "Review of the Potts Model" (Mathematics; advisers: J. Ellis-Monaghan and G. Pangborn).
- **KATIE BERRY '09** presented "How Hard Are NP-Complete Problems?" (Interdisciplinary Mathematics and Computer Science; adviser: G. Pangborn).
- **KATIE CRAWFORD '08** presented "An Overview of Continuous Nowhere Differentiable Function" (Mathematics; adviser: G. Ashline).
- **SARAH HAMILTON '07** presented "Unit Rectangle Visibility Graphs (URVGs)" (Mathematics; adviser: J. Ellis-Monaghan and G. Pangborn) and "A Sampler of Wave Motion" (Mathematics; adviser: Z. Kadas).
- **CHRISTOPHER JENNINGS '07** presented "Chip Design: A Spring Embedded Floorplanner" (Interdisciplinary Mathematics and Computer Science; adviser: G. Pangborn).
- **JONATHAN KAPTCIANOS '09** presented "Graph Theory aiding DNA Fragment Assembly" (Interdisciplinary Mathematics; adviser: J. Ellis-Monaghan).
- **CARRIE LEONARD '07** presented "A Strategy to Win Monopoly" (Mathematics; adviser: G. Ashline).
- **DAVID MILLER '09** presented "Latin Squares: A useful and entertaining piece of math" (Mathematics; adviser: J. Ellis-Monaghan) and "Minimal Tile/Edge Types for a Given Graph" (Mathematics; advisers: J. Ellis-Monaghan and G. Pangborn).
- **LAUREN REMMES '07** presented "Running to Stay Drier in the Rain, a Mathematical Approach" (Mathematics; adviser: Z. Kadas).
- **THERESA RYAN '07** presented "A Brief Historical and Mathematical Look at the Discoveries of Solutions to the Cubic and Quartic Equations" (Mathematics; adviser: G. Ashline).
- **TATE SHIPPEN '07** presented "An Overview of the RSA Cryptosystem" (Mathematics; adviser: G. Ashline).
- **KELSEY STAVSETH '07** presented "Chaos Theory: A Differential Equations Approach" (Mathematics; adviser: Z. Kadas).



## VGN Grants Support Saint Michael's Scholars in Broad Range of Specialties for Coming Year

Vermont Genetics Network (VGN) recently announced several grants to Saint Michael's students and professors for the coming year.

Faculty Grants for '07-'08: **JO ELLIS-MONAGHAN**, assistant professor of mathematics, "Graph Polynomials & DNA Structures," \$57,800; **BRIAN KYTE**, assistant professor of chemistry, "Synthesis of Hyaluronic Acid Mimetics to Prevent Metastasis," \$62,897; **MALCOLM LIPPERT**, associate professor of biology, "Transcription Associated Mutations in Yeast," \$64,991.

Student Grants for Summer '07: **SETH BROWN** (psychology with **ARI KIRSCHENBAUM**, assistant professor of psychology), "Chronic Nicotine Administration in Rats," \$4,500; **JONATHAN DOWNEY** (chemistry with **SHANE LAMOS**, instructor of chemistry), "Development of Labeling Reagents for Multiplex Analysis of Biological Metabolones," \$4,500.

Several Saint Michael's students also presented posters at the annual VGN Undergraduate Student Career Day in South Burlington.

## PSYCHOLOGY PROJECTS PRESENTED AT CONFERENCE

Two Saint Michael's senior psychology majors presented their research projects at the 60th annual Undergraduate Psychology Research Conference held April 21 at Mount Holyoke College in South Hadley, Massachusetts. The conference selects undergraduate psychology students from throughout the Northeast to present their original research projects at what is said to be the oldest undergraduate research conference in the nation.

**MARTY MACHIA** presented her work, "Objectification and Sexualized Innocence: Effect of Magazine Ads Portraying Adult Women and Sexy Little Girls." Her adviser was **SHARON LAMB**, psychology professor. **DANIELLE STEVENSON** presented her work, "Chaotic Family Environment's Influence on Adolescent Alcohol and Drug Use." Her adviser was **SUSAN KUNTZ**, psychology professor.



John Devlin

**JOHN DEVLIN**, assistant professor of fine arts, theater, attended the National Kennedy Center American College Theater Festival in Washington from April 20-22 to participate in discussions about the evolving role of design and technical theater in the regional and national festivals. John is the vice-chair for design and technology for the New England regional section. He also designed the lighting for the Vermont Stage production of Edward Albee's *Who's Afraid of Virginia Woolf?* It plays in the FlynnSpace from May 2-20.



**MIKE DONOGHUE**, adjunct professor of journalism and mass communication, was the invited keynote speaker on "Openness in Government: Looking for Sunshine" during the meeting of the Champlain Valley League of Women Voters in March. Mike spoke on accountability and transparency in state and federal

government.

**JO ELLIS-MONAGHAN**, assistant professor of mathematics, has had a paper, "How to Exhibit Toroidal Maps in Space" (jointly authored with scholars from **Jo Ellis-Monaghan** University of Vermont and University of Auckland) accepted for publication in the journal *Discrete & Computational Geometry*. Jo also gave a talk, "A Little Statistical Mechanics for the Graph Theorist," on March 9 at the 38th Southeastern International Conference on Combinatorics, Graph Theory, and Computing, in Boca Raton, Florida. Study of these theories was conducted with student **LAURA BEAUDIN '07**, and **GRETA PANGBORN**, assistant professor of computer science, and was supported by the Vermont Genetics Network.



Jo Ellis-Monaghan

**JOHN HALLIWELL**, assistant professor of applied linguistics, was invited as a plenary speaker to the 28th Annual TESOL (Teachers of English to Speakers of Other Languages) Greece International Conference, March 9-11, as well as to give several workshops with teachers and teacher-trainers. His talk, entitled 'Process Grammar: Input, Output & Interaction,' discussed current research in the acquisition of second language grammar and how these findings point to a process approach to teaching as a way to engage and empower students in learning and using grammar.

**KRISTIN JUEL**, assistant professor of French, presented a paper entitled "Moralized Narrative Spaces in the *Echecs amoureux*" in Toronto at the annual meeting of the Medieval Academy in early April.



Michael Maine

**MICHAEL MAINE**, director of international marketing and enrollment, will be an instructor at a conference titled "Effectively Recruiting International Students" in Philadelphia from July 25-27.



# CALENDAR

## FRIDAY, MAY 4

9:30 a.m. to 10:30 a.m.  
Alliot Dining Room

**Annual Community Coffee Hour with Art**, sponsored by the Human Resources Department and Art Committee. This event will include demonstration of a new Web site devoted to the College art collection and the annual raffle of framed artwork that can be used to decorate campus offices. Coffee, tea, pastries and fruit will be served.

## WEDNESDAY, MAY 16

3:00 p.m.  
Ross Sports Center

**Baccalaureate: President Marc vanderHeyden presiding, with Most Reverend Salvatore R. Matano, Bishop of Burlington as main celebrant and homilist.** Provost's reception immediately follows Mass in Tarrant Recreational Center. Robing at 2:30 p.m., procession at 2:50 p.m. See next item for assembly/robing areas.



## THURSDAY, MAY 17

10:00 a.m.  
Ross Sports Center

**Commencement Ceremonies: Cokie Roberts**, political commentator for *ABC News* and *National Public Radio*, will give the main address. Procession at 9:50 a.m. Graduates gather at Alliot dining room, master's candidates in the Vermont Room, faculty/staff in Cheray Room 101, honored guests in Saint Edmund's Room 113.

## TUESDAY, MAY 22

12:15 p.m.  
Chapel

**Organ Concert** by William Tortolano, emeritus professor of fine arts-music.



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Saint Michael's College

## THURSDAY, MAY 24

8:30 a.m. to 4:15 p.m.  
McCarthy Arts Center

**"Creating a Welcoming Community,"** a professional conference on cultural competency. **Keynote speaker Jamie Washington**, president and founder of the Washington Consulting Group and founder of the Social Justice Training Institute, will present at 9 a.m. in the Recital Hall after registration in the lobby. The conference, through Vermont Teacher Diversity Scholarship Program, explores practical methods to create awareness of issues facing Vermont as an increasingly multicultural society. *Information: 802.241.3379.*

# FACULTY/STAFF NEWS CONTINUED... (continued from page 3)

**MICHELE McCAFFREY** and **MARILYN SCOVILLE**, reference and instruction librarians, along with Kate Tolland, social studies teacher at Winooski High, and Bob Brown, English teacher at Rice High School, will present "Collaborations and Outreach: Partnerships Between High Schools and the College Library," at the 2007 Vermont Library Conference, May 15-16, in Burlington.

**JAMES NAGLE**, assistant professor of education, published an article, "Becoming Active Participants in Teacher Learning Communities: Pre-service Teachers Collaborate to Investigate," in the Spring 2007 edition of *The Journal of the New England League of Middle Schools*. James also presented a paper, "Ordinary Teachers

Becoming Teacher Leaders: Building Teacher Communities to Enhance Teacher Learning," at the annual conference of the New England League of Middle Schools in Providence, Rhode Island, in March.

**PATRICK STANDEN**, adjunct professor of philosophy, recently won two honors for his civic volunteer work: a City of Burlington Community Leadership Award and a Governor's Award for Outstanding Volunteer Community Service.

**MARK TARNACKI**, staff writer for public relations and communications, played several singing and speaking roles in the recent Lyric Theater production of "Guys and Dolls" that played the Flynn Theater in Burlington, April 12-15.

**AMY WERBEL**, associate professor of fine arts/art, is author of a book, *Thomas Eakins: Art, Medicine, and Sexuality in Nineteenth-Century Philadelphia*, recently released by Yale University Press. ■

## Campus Currents



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