



Faculty/Staff News

Science and Math Faculty Members Participate in Vermont Genetics Network Retreat

Nine Saint Michael's science and mathematics faculty members participated in the recent Vermont Genetics Network (VGN) Retreat. All of them had performed research funded by VGN this summer. There were more presentations by Saint Michael's faculty members at this year's retreat than from any of the other five Vermont higher education institutions funded by VGN (UVM, Middlebury, Norwich, Castleton and Johnson State).

The presentations from Saint Michael's included two invited talks and four contributed presentations.

DECLAN McCABE, instructor of biology, presented an invited talk entitled "Impacts of Zebra Mussels on Foraging and Habitat of Endangered Lake Sturgeon (*Acipenser fulvescens*);" **MARK LUBKOWITZ**, assistant professor of biology, presented an invited talk entitled "Microarray Outreach"

and also gave a presentation entitled "Characterization of an Oligopeptide Transport Gene Family in *Oryza Sativa*;" **DOUG GREEN**, professor of biology, presented "Reproductive



Bret Findley

Success in Sugar Maple: A Analysis;" **BRET FINDLEY**, assistant professor of chemistry, presented "Association in Ground State Electron Donor-Acceptor Complexes;" **JOANNA ELLIS-MONAGHAN**, assistant professor of mathematics, presented her work on "Graph Polynomials and DNA Sequencing" which summarized two research "projects and a software "development project; and Professors **VALERIE BANSCHBACH**, **MALCOLM LIPPERT**, **ALAYNE SCHROLL** and **JOSH VAN HOUTEN** participated in the meeting "but did not make formal "presentations.

New Graduate Program: Educational Technology Specialist

Saint Michael's College graduate programs received approval from the Vermont State Standards Board for Professional Educators to offer a program leading to a Vermont teaching license with an endorsement as an Educational Technology Specialist. The new endorsement was officially approved by the state in September 2003. Saint Michael's College's request to implement this licensure program was approved in June 2004 and implementation begins with this fall semester. **ANNE JUDSON**, director of graduate education, authored the approved proposal. The Saint Michael's College education master's degree program is the only one in the state with an approved Educational Technology Specialist Endorsement. With this endorsement, people can teach technology to K-12 students.



AMANDA AMEND, instructor of Spanish, co-presented a six-hour workshop on intercultural communication in Columbus, Ohio, in June. The workshop provided continuing education training to Ohio mental health counselors and teachers and was co-facilitated by clinical counselors Dr. Randi Cohen and Philip Yassenoff. The training presented models of cultural differences and then applied these to issues in clinical practice and in teaching.

GEORGE ASHLINE, associate professor of mathematics, recently participated in the 2004 Providence Mathfest held from August 11 to 14. The Mathfest is the annual summer meeting of the Mathematical Association of America. At the conference, Ashline presented the paper, "A Mathematics Education Seminar for K-12 Teachers," and participated in a Project NEXt workshop on teaching elementary statistics. Ashline was an instructor during June, July, and August of 2004 for

the Vermont Mathematics Partnership (VMP). Ashline also collaborated in the creation of a variety of materials for team-taught VMP courses. Ashline and **JO ELLIS-MONAGHAN**, assistant professor of mathematics, have had their paper "The lottery: A dream come true or a tax on people who are bad at math?" accepted for publication in the December 2004 issue of *Problems, Resources, and Issues in Undergraduate Mathematics Studies (PRIMUS)*, a journal devoted to all aspects of teaching undergraduate mathematics.



FACULTY/STAFF

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VALERIE BANSCHBACH, associate professor of biology, **DOUG GREEN**, professor of biology, **RICHARD KUJAWA**, associate professor of geography and **JIM MILLARD**, senior instructional support specialist, completed a Community Mapping Program training during the summer. The training provided by the Vermont Institute of Natural Sciences and held in the Davis Collaborative Learning Laboratory focused on the use of Global Positioning Systems and Geographic Information System software.

VALERIE BANG-JENSEN, assistant professor of education, presented "First-Hands and Hands-On: What's the Difference?" at Ohio State University in July. The symposium was focused on directions for research in children's nonfiction.

CHRISTINE BAUER-RAMAZANI, instructor in the School of International Studies, was invited to develop and teach an online course as part of the certificate offered by TESOL (Teachers of English to Speakers of Other Languages) in the Principles and Practices of Teaching Online. Her course, entitled "Online Learning for Campus-based Teaching," was offered in May and drew participants from three continents. It included using Word, PowerPoint, and WebQuests for teaching and learning, establishing Yahoo Groups for online discussions and file sharing, as well as creating free online exercises and rubrics.

ALAIN BRIZARD, assistant professor of physics, had two papers accepted for publication in *Physics of Plasmas*, both will appear in the September issue. The work presented in the first paper (entitled "A guiding-center Fokker-Planck collision operator for non-uniform magnetic fields") was funded by a grant from the National Science Foundation awarded to Brizard last year. The work presented in the second paper (entitled "Relativistic quasilinear diffusion in axisymmetric magnetic geometry for arbitrary-frequency electromagnetic fluctuations") was the result of a collaboration with space

plasma physicists at Rice University. As a result of work involving a collaboration with the Lawrence Berkeley National Laboratory and the College of William and Mary, a third manuscript was recently submitted to *Physics of Plasmas*. During the month of August, Brizard was also invited to work with physicists and graduate students at the Max-Planck-Institut für Plasmaphysik (near Munich, Germany) and give a series of lectures at the Centre de Recherche sur la Fusion Contrôlée de Cadarache (near Aix-en-Provence, France).

VINCENT BOLDOC, professor of sociology, and **SANDY KARSTENS**, assistant professor of physics, attended the Collegium summer colloquy for a week June 11-18 at Portland University in Oregon. Bolduc was there as a Faculty Fellow and Karstens was there for a second time, this time as a mentor. Collegium was founded in 1992 at Fairfield University by Thomas M. Landy and is a joint effort by 63 Catholic colleges and universities to develop faculty who can articulate and enrich the spiritual and intellectual life of their institutions.

JOHN PAUL DEVLIN, assistant professor of fine arts, theater, designed scenery for *Private Lives* and *Having Our Say* and scenery and lighting for *The Spitfire Grill* for the Saint Michael's Playhouse this summer. He also served as Technical Production Supervisor for the four mainstage shows and the children's theatre show. Working with him as technical interns were Saint Michael's students **JONATHAN HART**, **KEVIN MILLER**, **SARAH PAYSON**, **JESSIE SHUTTLEWORTH**, **TRACEY SULLIVAN**, and **ROBYN ZALEWSKY**. The rest of the technical crew and staff was made up of professionals, and students from Yale, SUNY Fredonia, Louisiana State University and Oregon State University.

Instructor of English **GREG DELANTY** appeared to be the inspiration, in some measure, of a movie that premiered July 28 during the Democratic National Convention. Delanty's book

of poetry *American Wake* was taken as the title of the film. Words from one of his poems are the film's epigraph: "In them uncover the destiny of everyone, for all are exiled and in search of a home."



Jon Hyde

JON HYDE, assistant professor of journalism and mass communication, was honored at the Association for Education in Journalism and Mass

Communication national convention in August for his innovations in teaching digital film and television production and criticism. Hyde received an award in the Creative Projects Competition, which featured the five top media projects developed by faculty of graduate and undergraduate journalism and mass communication programs in the U.S. Hyde presented his work in pedagogy for digital film production and analysis, including strategies for teaching visual storytelling, organizing an annual film and animation festival to promote student work, and producing both online and DVD media which showcase short documentary films, digital animations, and TV news pieces produced by students at Saint Michael's.

Hyde and Assistant Professor of Journalism **KIMBERLY SULTZE** presented their scholarship in curriculum development for global communication and international media studies at the Association for Education in Journalism and Mass Communication convention in Toronto. They received an AEJMC GIFT Award for their paper on teaching international media research. It will also be published in the upcoming issue of *The Journalist*.

RICHARD KUJAWA, associate professor of geography, directed a week-long summer training geography institute for K-12 teachers for the Vermont Geographic Alliance. The institute was held in the Davis Collaborative Learning Laboratory. Teacher Consultants from the Alliance, faculty from the

News continued...

University of Vermont and Castleton State College presented workshops. Other presenting organizations included the Lake Champlain Basin Program, the Vermont Institute of Natural Science and America's Historic Lakes.

Associate Professor of Sociology **ADRIE KUSSEROW**'s new book, *American Individualisms*, was recently published by Palgrave MacMillan as part of the Culture, Mind and Society book series for the Society of Psychological Anthropology. Most importantly, she says, "My daughter Ana is on the cover."



Dave Landers

DAVE LANDERS, director of the Student Resource Center, delivered the opening address at a one-day conference co-sponsored by the Connecticut Department of Education, the Maine Department of Education and the Academic Division Advisory Committee of the College Board New England Regional Assembly on June 9 in Portsmouth, New Hampshire. The conference was on "Exploring Today's Gender Gap: Is There An Imbalance In Boys' Achievement As Seen In AP Program Participation, Both In Enrollment And In Grades Of 3 Or Higher On AP Examinations And Other Data Trends?" There were 120 participants, mostly high school guidance counselors, from Maine and Connecticut.

ROBERT LETOVSKY, associate professor of business, will have his case study, "Saving the Coffee Industry in El Salvador" published by the Institute for the Study of Diplomacy at Georgetown University. The case will form part of the Institute's PEW Case Studies in International Affairs collection.

Cervantes & Co., a division of Juan de la Cuesta Press at the University of Delaware, has just published Associate Professor of Modern Language **CAROLYN LUKENS-OLSON**'s edition of *Don Juan Tenorio* as the latest title in its European Masterpieces series.

KATHLEEN MUNDANARO, assistant professor of chemistry, gave a talk describing research with Saint Michael's undergraduates on theoretically interesting molecules following the Functional Pi Devices conference at Cornell University in June and at Juniata College in July. She was also a guest speaker and did science demonstrations at the summer camp for the STARBASE youth program run by the Vermont Air National Guard.

JOANNE NELSON, associate director of Edmundite Campus Ministry for Pastoral Services, recently graduated from the Clinical Pastoral Education Program at Fletcher Allen Health Care, which trains people to become hospital chaplains. The program took place from May 17-July 30 at FAHC.

KATHLEEN MAHNKE, professor in the School of International Studies, and **ELIZABETH O'DOWD**, associate professor in SIS, presented two workshops at Miami Dade Community College in late May. The workshops for college faculty, entitled "Theme-Based Communicative Grammar," were sponsored by Houghton-Mifflin, who published a second edition of their book, *Grammar Links 2*, in March.

JOANNE SCHNEIDER, director of library and information services, was an invited panelist at the Association of College & Research Libraries New England Chapter annual conference and presented the paper "When Transformation Fails — Authentic Leadership, Shared Vision, Open Participation, and Workable Structure." The meeting was held at Bryant College in Springfield, Rhode Island. Schneider also organized the panel "Putting Assessment into Practice" and presented "Transforming the Library through Strategic Planning and Assessment" along with **STEVE BURKS** and **MARILYN SCOVILLE**, LIS reference and instruction librarians, at the Vermont Library Association annual conference in Burlington on May 26.

PATRICIA SIPLON, associate professor of political science, traveled to Hong Kong in June to collaborate with Dr. Paul Harris on a research project entitled "The Global Politics of AIDS: Human Suffering, Health Policy and international Relations." The project was supported by a grant from the Center for Public Policy Studies Joint International Research Programme at Lignan University. While in Hong Kong, she delivered a talk co-sponsored by the Centre for Asian Pacific Studies and the Centre for Policy Studies entitled "Ramping Up the Response: Urgent Policy Priorities for the Global AIDS Pandemic". She also published an article, "Toward Nonprofit Organization Reform in the Voluntary Spirit: Lessons from the Internet," co-authored with Lori Brainard in the September issue of *Nonprofit and Voluntary Sector Quarterly*.



Patricia Siplon



In July, **JOSH VAN HOUTEN**, professor of chemistry, attended the International Symposium on Photochemistry and Photophysics of Coordination Compounds in Hong Kong, where he chaired a session and served as a member of the ISPPCC International Scientific Committee. Several Saint Michael's science and math faculty members participated in a grant writing workshop at Middlebury College, sponsored by Vermont EPSCoR on June 2. The workshop was attended by 60 scientists from 13 Vermont institutions. Van Houten served as moderator for the workshop. **ALAIN BRIZARD** was one of four panelists at the conference. Other Saint Michael's participants were **DECLAN MCCABE**, **MARK LUBKOWITZ**, **MALCOLM LIPPERT**, **JOANNA ELLIS-MONAGHAN** and **PATRICIA BUNT**. ■

EVENTS

September Calendar

FRIDAY, SEPTEMBER 10

7:30 p.m.

The *Centennial Celebration* presents music department-sponsored piano recital by Dutch pianist Annemieke Spoelstra in the McCarthy Arts Center.

SATURDAY, SEPTEMBER 11

8:00 p.m.

The Fine Arts/Theater Department presents **The 24-Hour Play Festival** in the McCarthy Arts Center. Student will serve as playwrights, actors, directors, designers and technicians as they produce an assortment of short world-premiere plays written within the previous 24 hours.

SUNDAY, SEPTEMBER 12

12:00 p.m. to 4:00 p.m.

In celebration of its 100th anniversary and of 100 years of neighborliness, Saint Michael's College invites Colchester and Winooski residents, as well as faculty and staff, to a **Neighborhood Fest** on the **campus green**. Food, fun, games and good spirits for children and adults will be served up the whole day free of charge. In case of rain the event will be held inside the **Tarrant Recreation Center** on campus.

WEDNESDAY, SEPTEMBER 15

4:30 p.m.

The *Centennial Celebration* presents **Fireside Chat Series: Remembering the Rev. Donald Sullivan, SSE, Ph.D.**, biology professor, in the Hoehl Welcome Center.

SATURDAY, SEPTEMBER 18

10:00 a.m. to 4:00 p.m.

The *Centennial Celebration* presents a biology department-sponsored program, **The History of the Saint Michael's Biology Department**, by Professor Emeritus of Biology **Daniel Bean**, in the **Farrell Room**, followed by keynote address at 10:30 a.m. by **Tracy Romano '86**, director of research at the Mystic Aquarium, and then a department open house at 1:30 p.m. in **Cheray Science Hall**. Labs will be open; posters will focus on current department activities and on student research. Field trip at 2:00 p.m. to Gilbrook Forest will demonstrate forest

ecology; there will be a concurrent lab demo of techniques and equipment used in molecular biology and genetics from 2:00 p.m. to 4:00 p.m. in **Cheray Science Hall**.

TUESDAY, SEPTEMBER 21

7:30 p.m.

Saint Michael's College *Centennial Celebration* presents **Catholic Intellectual Heritage Lecture Series**. John Burke, professor of political science at the University of Saint Thomas, Houston, is speaking in the **Hoehl Welcome Center**. Burke is author of *Mestizo Culture: The Politics of Crossing Borders*.

WEDNESDAY, SEPTEMBER 22

7:00 p.m.

The College *Centennial Celebration* presents the film "**Journey to a Hate-Free Millennium**" in **McCarthy Arts Center**. Filmmaker Brent Scarpo will lead a discussion afterwards based on the film.

THURSDAY, SEPTEMBER 23

7:00 p.m. to 9:00 p.m.

The **NEACAC (New England Association of College Admission Counselors) College Fair** will be held in the **Tarrant Recreation Center**, with some 240 colleges and universities from around the country represented.

7:30 p.m.

The *Centennial Celebration* presents **The Choir of Trinity College**, University of Melbourne, Australia in the **College Chapel**, for an Evensong/Vespers program.

FRIDAY, SEPTEMBER 24

9:00 a.m. to 11:30 a.m.

The NEACAC College Fair continues.

SATURDAY, SEPTEMBER 25

1:00 p.m.

The College *Centennial Celebration*, sponsored by the math department, presents Brian Adams '99 of the Center for Research in Scientific Computation and Department of Mathematics, North Carolina State University, speaking on "**Using Mathematics to Explore HIV Treatment Strategies, Smart Materials, and More**," in **Cheray 101**. The Program

SEPTEMBER						
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5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

will be followed by induction of new student and alumni members into Pi Mu Epsilon National Mathematics Honor Society, including IDX founders **Robert Hoehl '63**, and **Richard Tarrant '65**, then a panel of alumni will discuss careers in mathematics.

TUESDAY, SEPTEMBER 28

4:00 p.m.

The College *Centennial Celebration* presents "**Celebrating the Feast of Saint Michael at the Medieval Abbey of Mont-Saint-Michel**," a lecture by Katherine Smith, department of history, New York University, at **McCarthy Arts Center**.

WEDNESDAY, SEPTEMBER 29

4:00 p.m.

The *Centennial Celebration* presents **Feast of Saint Michael Liturgical Celebration** in the **College Chapel**, with The Most Rev. Kenneth A. Angell, Bishop of Burlington, presiding.

THURSDAY, SEPTEMBER 30

7:00 p.m.

The *Centennial Celebration* presents the children's theater production of "**Michael and the Dragon**" in **McCarthy Arts Center**. This fanciful production was written in honor of the college's Centennial by Saint Michael's emeritus professor of fine arts, **Donald Rathgeb**.

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To submit your news to *Campus Currents*, write to c Crawford@smcvt.edu.

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