

# BrockNews

WEDNESDAY, OCT. 14, 2009

A NEWSLETTER FOR FACULTY AND STAFF AT BROCK UNIVERSITY, ST. CATHARINES, ONTARIO

## Fall Convocation set for Oct. 17

More than 700 students will receive their degrees at Brock University's 2009 Fall Convocation, which will be held on Saturday, Oct. 17.

The morning and afternoon ceremonies will proceed as follows:

### Saturday, Oct. 17, 10 a.m.

- All graduate and undergraduate degrees and certificates from the faculties of Applied Health Sciences, Business, Graduate Studies, Humanities, and Mathematics and Science will be conferred.

- Professor James Mandigo, Department of Physical Education and Kinesiology, will be presented with the Brock University Award for Distinguished Teaching, and he will address Convocation.

- The undergraduate Board of Trustees Spirit of Brock Medal will be presented to John Waylon Marvin Henhawk, Business Administration/Finance.

- Two Governor General's Silver Medals, which are awarded to the students who achieve the highest academic standing at the undergraduate level, will be presented to Tamara Foster, Biomedical Sciences, and Laura Sangster, Speech and Language Sciences.

### Saturday, Oct. 17, 2 p.m.

- All graduate and undergraduate degrees and certificates from the Faculties of Education, Graduate Studies and Social Sciences will be conferred.

- Dan Patterson, President of Niagara College, will be presented with an honorary degree for his outstanding leadership as president of Niagara College, his strong service and commitment to the Niagara community, and his advocacy for post-secondary education in Ontario. He will also address Convocation.

- Professor Teena Willoughby, Department of Psychology, will be presented with the Brock University Award for Distinguished Research and Creative Activity.

- The graduate Board of Trustees Spirit of Brock Medal will be presented to Christine Arnold, Education.

The ceremonies will be held in the Ian D. Beddis Gymnasium and a reception for graduates, family members and other guests will be held after each ceremony. Tickets are not required. All guests are welcome.

For more information:  
[www.brocku.ca/register/grad](http://www.brocku.ca/register/grad)

### President's Town Hall, Oct. 23

Faculty and staff are reminded to mark in their calendars the Oct. 23 Town Hall meeting with University President Jack Lightstone.

The meeting begins at 8:30 a.m. in the Sean O'Sullivan Theatre.

The Town Hall will include a question-and-answer session.

## Unique lab helps save lives



Stephen Cheung (left), associate professor and Canada Research Chair in Environmental Ergonomics, officially opened his St. Catharines campus lab on Oct. 9 with a ribbon cutting and student-led demonstration. During the event, graduate students put Noah MacCallum, a Grade 12 high school student, into a survival suit in a tank of water set at 8 C. Special guests for the event included Michèle Boutin, Executive Director, Canada Research Chairs Secretariat, and Jac van Beek, vice-president, Programs and Planning, Canada Foundation for Innovation. For more information go to [brocku.ca/news/5667](http://brocku.ca/news/5667)

## Research team rewrites geological timescale

Earth Sciences Professor Martin Head is part of a team of scientists who have rewritten the geological timescale that measures time in terms of geology — from the formation of the Earth to present day.

In a paper published in the September issue of the *Journal of Quaternary Sciences*, Head and his colleagues affirm the official extension of the beginning of the Quaternary Period — the interval of geological time in which humans evolved and now live — downwards from 1.8 to 2.6 million years (Ma).

The Neogene Period, which immediately precedes the Quaternary, has therefore been truncated.

"The reclassification of this geological timescale boundary repositions the period in which our human ancestors evolved to a time of significant climatic and environmental change," says Head. "This new Quaternary base makes sense geologically and also makes it easier to identify this important boundary around the world.

"The significance of this announcement is on par with the downgrading of Pluto from a planet to a dwarf planet in 2006. It also illustrates the importance of science, discovery and synthesis in making sense of the world and our part in it.

See *Timescale Page 3*

## nGen project led by Brock prof receives Trillium grant

An nGen project led by a Brock Canada Research Chair in Digital Humanities got a boost recently with a \$54,300 grant from the Ontario Trillium Foundation.

The nGen announcement to expand the "1812: Interactive Niagara" project led by associate professor Kevin Kee, Department of History and Centre for Digital Humanities, was applauded by MPP Jim Bradley and Ontario Trillium Foundation volunteer John Storm.

"This one-year grant will enable Brock students and graduates to continue developing smart-phone heritage tours about the War of 1812 in Niagara," says Kee. "These funds will also allow us to build new tours in new communities, while, at the same time, contributing to the development of a new-media creative cluster in the region."

The "1812: Interactive Niagara" game is based on prototypes created by Kee's company, employing Brock

## Students, graduates developing smart-phone heritage tours

graduates. The project, when completed, will provide users with a real-time self-guided experience of Niagara's past and the landscapes and environments in which these histories developed.

"Many of the start-ups operating out of nGen, like this one, have direct links to Brock," says Liette Vasseur, vice-president of Research at Brock. "And successful projects like this illustrate how Brock's professor-researchers provide our students and graduates with the tools to take their degrees and put them into action in the community.

"It also demonstrates the power of partnerships, since nGen was created to foster the talents of local arts and culture industries in the region in tandem with the educational programs, research expertise, and infrastructure at Brock and Niagara College."

## H1N1 update

As reported by the University, a number of isolated cases of H1N1 flu have been confirmed among Brock University students. All the cases have been mild, no one has been hospitalized and all have recovered or are recovering.

"H1N1 is here at Brock, but it is manageable," says Dr. Darrell Grant. "The number of confirmed cases is small for a campus of more than 19,000 students, staff and faculty."

Brock is part of a Ministry of Health vaccine effectiveness study, which means that all patients seen at the Student Health Services' clinic with influenza-like symptoms are being tested for H1N1. This is not the case in most health-care settings, which have been advised to only test hospitalized or high-risk patients.

The University's Emergency Response Team, Human Resources-Environment Health and Safety and Student Health Services continue to meet on a weekly basis to pursue strategies to minimize the impact of H1N1 at Brock, to help people avoid getting the illness, and to prepare to manage an outbreak should one occur.

Another new development has been the province's change in strategy limiting the seasonal influenza vaccination this fall to individuals 65 years of age and older or in a long-term care facility. As a result of this decision, Brock's Nov. 2 Seasonal Influenza Clinic is now cancelled.

See *H1N1 update Page 3*



## Tribute to namesake

The Brock 1812 Bicentenary Committee will host the "General Brock Commemoration" on Friday, Oct. 16 to honour the University's namesake Maj.-Gen. Sir Isaac Brock, who died on Oct. 13, 1812 during the Battle of Queenston Heights in the War of 1812.

The tribute will begin at 10:45 a.m. with the Fort George Fife and Drum Corps and uniformed re-enactors marching along University Road, under the Canadian Tire bridge, up to the front of Schmon Tower.

The service will begin at 11 a.m. in front of the Tower with the lowering of the flag by a small detachment from the Lincoln and Welland Regiment.

Hot cider will be served after the ceremony.

## • THESIS DEFENCES

• Master of Arts thesis defence for **Adam Bylsma**, Faculty of Applied Health Sciences, will be Thursday, Oct. 22, at 5 p.m., in WH147 (videoconference). The title of his thesis is "A Study of One Living School Partnership." Thesis supervisor: Laura Cousens; external examiner: Geoff Dickson, PhD, Auckland University of Technology; committee members: Joanne MacLean and Richard Wolfe; chair: Lisa Kikulis. All are welcome.

• Master of Arts thesis defence for **Jody Toetenel**, Social Justice and Equity Studies, will be Friday, Oct. 23, at 10 a.m., in AS 427. The title of her thesis is "Fitness to Stand Trial: How Discourses of Rationality, Reasonableness and Culpability Inform the Law and Psychiatry to Create Standards of Normal." Thesis supervisor: Voula Marinos; external examiner: Richard Weisman, York University; committee member: Shannon Moore.

• Master of Science thesis defence for **Aaron Phillips**, Faculty of Applied Health Sciences, will be Friday, Oct. 23, at 10 a.m., in WC204B. The title of his thesis is "The Association between Blood Pressure and Common Carotid Artery Distensibility in Children." Thesis supervisor: Deborah O'Leary, PhD; external examiner: Michel Johnson, PhD, Nipissing University; committee members: Brent Faught and Paul LeBlanc; chair: Jian Liu. All are welcome.

Master of Arts thesis defence for **Kate Williams**, Social Justice and Equity Studies, will be on Friday, Oct. 23, at 2:30 p.m., in PL600F. The title of her thesis is "Medicalization and Women: O, The Oprah Magazine Diagnosed Through Critical Discourse Analysis." Thesis supervisor: Dan Malleck; external examiner: Dorothy Pawluch, McMaster University; committee member: Margot Francis.

• Master of Science in Management thesis defence for **Xiaoyu Hu**, Faculty of Business, Department of Marketing, International Business and Strategy, will be Friday, Oct. 30, at 1:30 p.m., in TH 240. The title of her thesis is "Self Concept, Acculturation, Fashion Orientation." Thesis supervisor: Sheng Deng; external examiner: May Aung, College of Management and Economics, University of Guelph; committee members: Kai-Yu Wang and Lianxi Zhou; chair: Danny Cho. All are welcome.

• Master of Arts thesis defence for **Terry Trowbridge**, Social Justice and Equity Studies, will be on Friday, Oct. 30, at 4 p.m., in WH 147. The title of his thesis is "The Clemente Course in the Humanities and Critical Pedagogy: A Comparative Analysis of Earl Shorris and bell hooks on Poverty, Racism, Imperialism and Patriarchy." Thesis supervisor: Michael Driedger; external examiner: Janet Groen, University of Calgary; committee member: Dennis Soron.

### Students, alumni invited to annual Career and Post Graduate Expo

Career Services invites Brock students and alumni to its 5th annual Career and Post Graduate Expo, Tuesday, Nov. 3, in the Ian D. Beddis Gymnasium, from 11 a.m. to 2 p.m.

The expo will feature more than 130 exhibitors with information about full- and part-time jobs, post-graduate education, international opportunities, volunteer opportunities and professional development.

Students and alumni are required to register online at [careerservices.brocku.ca/Expo/Students.aspx](http://careerservices.brocku.ca/Expo/Students.aspx) for their chance to win great prizes and to receive a list of all the exhibitors attending this event.

Please inform students and alumni of this exciting event. To find out more, go to [careerservices.brocku.ca/Expo](http://careerservices.brocku.ca/Expo) or contact Lisa Kuiper, employer development/special events coordinator.

## A Day to remember

Once again, the University will participate in "Take Our Kids to Work Day," to be held this year on Nov. 4. For more information, visit [brocku.ca/hr-ehs](http://brocku.ca/hr-ehs)

## Forum focuses on Aboriginal research

Brock Research's Research Ethics Office hosts "A Forum on Aboriginal Research and Ethics," on Friday, Oct. 16. This internal meeting, taking place at Pond Inlet from 1 to 3 p.m., is for those doing research (or thinking about it) involving Aboriginal people of Canada.

The agenda includes an opening ceremony, overview of Aboriginal research and ethics review, a question-and-answer period, and a closing ceremony.

To register, call Michelle Benson at x3035 or send an email to [reb@brocku.ca](mailto:reb@brocku.ca)

## Show features Brock mathematician/artist

Bill Ralph, associate professor, Mathematics, is the featured artist from Oct. 17 to Nov. 8 at the A Mano Libera Gallery, 150 Ontario St., St. Catharines.

The show, "Through the Lens of Mathematics," features for the first time a new collection of imagery photographs that Ralph has generated from algorithms.

Ralph has received international praise for creating art inspired by advanced mathematics and technology.

The public is invited to meet the artist on Oct. 17, from 3 to 5 p.m. Gallery hours are Saturdays and Sundays from 1 to 5 p.m. or by appointment. For more information, please contact Bill Ralph at x3804; [bralph@brocku.ca](mailto:bralph@brocku.ca) or visit [www.billralph.com](http://www.billralph.com)

## Special honours

Two members of the Brock community were recognized for their contributions to arts and culture as part of the 2009 Trillium Arts Awards, presented by the City of St. Catharines.

David Vivian, professor of Dramatic Arts at Brock and chair of the St. Catharines Cultural Committee, presented the Excellence in Arts awards to Melanie MacDonald, a Brock graduate with a combined honours BA in English and Visual Art, and Laura Thomas, associate conductor of the Niagara Symphony Orchestra, Brock's Orchestra in Residence.

As well, Carousel Players, a local theatre company involved in research collaborations with the University, was recognized with the Innovation in the Arts award.

MacDonald, a skilled and talented visual artist, is an active member of the Niagara Artists Centre and has provided countless volunteer hours at cultural events. She is a founding member of the CRAM collective, Canada's smallest art gallery, located on James Street in St. Catharines.

Thomas is an instructor in the Music department, artistic director of Choralis Camerata and Music Director of WomEnchant Chorus and music director of the Niagara Youth Orchestra.

## Passing the torch

Brock University Biomedical Science student Sabrina Parrotta and Brock graduate Michael Accursi were selected to be Niagara torchbearers when the Winter Games Olympic torch makes its way through the region in December. They are among approximately 12,000 Canadians who will carry the flame 45,000 kilometres across the country through more than 1,000 communities. A two-hour community celebration will be held Dec. 20 in the Market Square in St. Catharines.

## Boat christening

The Brock University rowing team christened six boats and named another after their latest member of Team Canada.

Honoured at the shell christening were: former Olympian and Brock assistant coach Kathy Lichty-Boyes; longtime community volunteers and supporters Marilyn and Jim Minards; Barb and Don Baker; Bob Kuhns; Brock graduate and current member of the Brock University Board of Trustees Roelof Makke; and the late Bill "Bunny" Bunston.

The Badgers named one of their single shells the Travis King. King is still a member of the Badgers and this past summer represented Canada at the Under-23 World Championships in the Czech Republic.



Professor Melanie Pilkington, far right, with her student research team, from left Qiang Wang; Roland Acha; Justin Wilson; Roger Gumbau-Brisa; Suchithra Guntur; Nicholas Hurley and Shari Venneri. Absent: Niloofar Zarabbi.

## Pilkington leads student research team in developing electronic components of the future

Melanie Pilkington, associate professor in the Department of Chemistry, recently received a five-year renewal of funding as the Tier 2 Canada Research Chair in Novel Hybrid Materials.

Working with a team of graduate and undergraduate students, Pilkington's work in the realm of synthetic and structural inorganic chemistry has the potential to assist in developing smaller, lightweight components for electronic devices such as plastic transistors.

Manufacturing of electronic goods, with silicon-based components, can only go so far in making miniature versions of items such as computer processing chips. When the components get too small, they start to leak current, making them ineffective at retaining digital information. Silicon chips have about three to four more years of further miniaturization. After that point, chipmakers will need to look elsewhere for their electronic-circuitry needs.

The Pilkington research group has adopted a "bottom-up" approach for the preparation of electronic materials. They start from the molecules and modify them to make them suitable for creating a nanostructure which can conduct electricity.

Organizing these molecules in one-, two- or three-dimensions is a challenge because it cannot be fully controlled. Using X-ray crystallography helps the researchers understand their physical properties in a solid state. Pilkington is

currently collaborating with researchers at the Xerox Research Centre of Canada working towards developing tiny electronic devices that can be incorporated into display media that will have the properties of paper, but which will integrate seamlessly into the digital world.

"We are also trying to design dual property materials that show ferromagnetism and conductivity and investigate the new properties behind this type of combination, which very few systems display. We are also developing switchable magnetic materials. Materials in which, for example, you apply pressure, light or a change in temperature and the material changes its magnetic behaviour." Pilkington said, "We are always trying to compare the advantages of our molecule-based magnetic materials with the classical systems. One advantage is in their preparation. We take advantage of molecular chemistry to design, for example, materials with a combination of properties that are difficult or impossible to obtain using more traditional solid-state approaches."

For Pilkington's Tier 2 Research Chair, Brock will receive funding of \$500,000 over the next five years. Tier 2 positions are awarded to researchers who are acknowledged by their peers as having the potential to lead in their field.

The team also looks forward to the future relocation of their lab to the Niagara Health and Bioscience Research Complex, now under construction.

## Wine cork application — a toast to greener chemistry

Brock Chemistry instructor Paul Zelisko is popping the cork, literally, on a new green process as an alternative in silicon-based chemistry.

Zelisko has developed an environmentally friendly method to produce silica, a silicon-based compound that can be used as a coating for a variety of products.

"The one application that we have spent some time exploring is a coating for wine corks that is indeed designed to reduce cork taint," says Zelisko.

Overall, the research is a major step in developing greener routes for traditional processes that involve potentially toxic catalysts and/or solvents that have negative health and environmental implications.

Zelisko's research was recently featured in an article, "Emulating Nature's Silicon Skills," that appeared in *Chemical and Engineering*

*News*, a magazine published by the American Chemical Society. The chemistry for this process has been published in the journals *Silicon* and *Chemical Communications*. A patent application on this technology has been submitted.

"The reaction that would typically have been used to make the cork coating would involve the use of organic solvents and strong acid/base catalysts," he explains. "Our methodology uses enzymes in place of the acid/base and is completed in water. As a result, if our system was to be released into the environment it would be about as benign as sand and egg white."

Additional applications of the research include coatings for metal and wood, optical devices, immobilized catalyst systems, and delivery of bioactive compounds for agricultural or biomedical use.

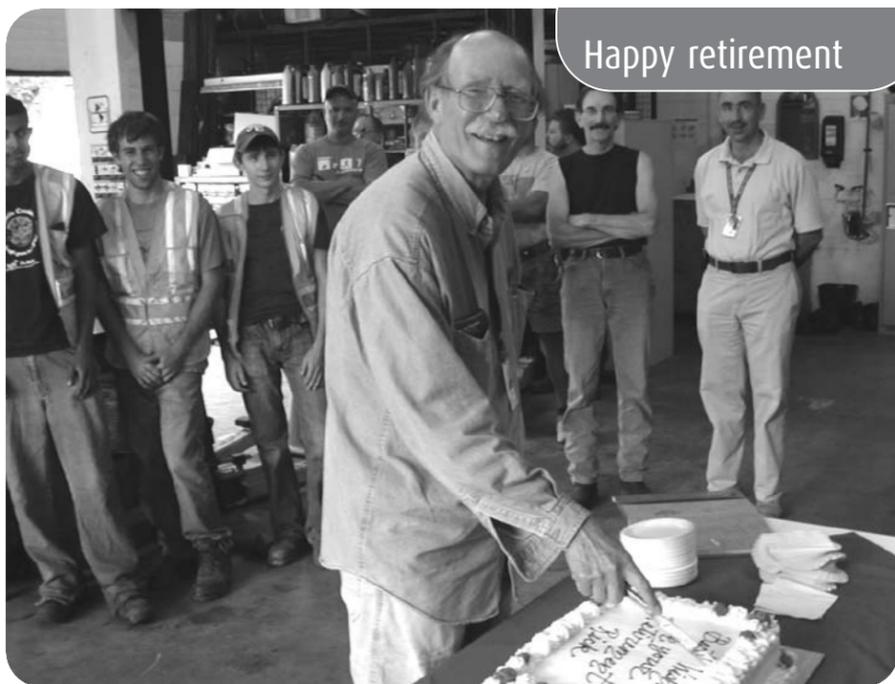
## In Memoriam

On Sept. 23, Brock University lost a friend and patron. Phillip Atteck was instrumental in developing Brock University's first international program with Trinidad and Tobago through the Twinning of St. Catharines with Port-of-Spain, which he spearheaded. From this initiative, several Brock faculty took Brock students to Trinidad for field courses.

Atteck was also instrumental in developing several scholarships for Trinidad and Tobago students to study at Brock.

Atteck and his wife, Helen, opened their home to many newly arrived students from the Caribbean to make them feel welcome in Canada.

Atteck's enthusiasm for Brock and its international students will live on.



Happy retirement

PHOTO SUPPLIED

Richard Kirton cuts his retirement cake on his last day marking 43 years of service to Brock.

## Brock groundskeeper a familiar face for 43 years

It is perhaps a sad commentary in these hurried and frenetic times that it has become so difficult to imagine anyone working in one place for 43 years. Well, after just such a stint on Brock's grounds crew, Richard Kirton has recently retired. Rick started at Brock in 1967, and after nearly 43 years in a physically demanding job, he has survived to tell his grandchildren just how he and Brock grew up together. It is a wonderful story, and we should make no mistake about this remarkable accomplishment – in the fabric that is woven out of Brock's steady and at times bumpy evolution, Rick has been an integral thread virtually right from the beginning.

As is often the case many know him to see him – the guy with the shovel and the broom sweeping up the countless cigarette butts and bits of garbage left thoughtlessly strewn about. He kept Brock's grounds looking neat

and tidy performing those duties that typically are noticed most when they are no longer being done. For those who knew and worked with Rick, he will be remembered as a quiet and thoughtful gentleman who always had a smile on his face.

Rick will now take the long overdue rest he deserves to enjoy his passions – spending time with his family and conversing about Canadian politics and history. He no doubt will miss the people that make up Brock's rich tapestry. As for Brock, it is like it has lost an appendage. Having been a part of Brock's landscape virtually since its inception, for many it is quite simply hard to imagine him not being around looking after, not only Brock's grounds, but that more qualitative aspect that is the measure of a civilized environment. We wish Rick and his family a long and happy retirement.

Submitted and written by Ken McClelland

## RWLEP Review Committee needs your help

The members of the Presidential Committee who have been appointed to review the Respectful Work and Learning Policy (RWLEP) at Brock need and want your help in fulfilling its mandate.

In mid-October or shortly thereafter, the members of the RWLEP Committee will be asking all faculty, staff and students to respond to an online survey. There will be a separate and customized survey for each "constituency" i.e., faculty, staff and students. This survey will seek respondents' views on the current Respectful Work and Learning Environment Policy. The format of the survey will allow for abundant opportunities to write your comments and to explain your answers.

In addition to the survey, the committee is planning several other modes of feedback for members of the Brock community in mid-October to early November, such as:

1. An opportunity for any interested member of the Brock community to come individually (or in a small group if desired) to a face-to-face feedback consultation with a member of the RWLEP Review Committee. An appointment for these consultations (30-minute time limit for each consultation) is necessary and may be booked through email at [RWLEPreview@brocku.ca](mailto:RWLEPreview@brocku.ca). A member of the RWLEP Review Committee will be on hand in Taro Hall 426 each weekday from 9 a.m. to 3 p.m., between Monday, Oct. 19 and Friday, Oct. 30, to meet with those who have booked an appointment in advance. Please use the word "appointment" as the "subject" of your email when booking an appointment.

2. An open invitation to any interested member of the Brock community to submit individual (or group) feedback on issues related to the current and/or future RWLEP by email to [RWLEPreview@brocku.ca](mailto:RWLEPreview@brocku.ca) by

Monday, Nov. 9, at 4:30 p.m. Please use the words "Confidential Feedback" as the "subject" of your email when sending in written feedback. Also, please indicate if you are willing to grant permission for your written feedback to be shared with the whole committee at a later date (with your name removed or revealed, as you wish).

To be clear, the invitation (in No. 2 above) to send email feedback about the RWLEP is valid from now through and including Monday, Nov. 9.

Committee members' thank you in advance for any help you may offer.

The members of the RWLEP Review Committee are as follows: Carol Sales (faculty, Business and chair of the Committee), Lianne Bradley (president, BUSU), Troy Brooks (Academic Integrity officer), LeeAnn Cayer (administrative assistant, Student Development Centre), Brad Clarke (Off-Campus Living Student/Community Outreach manager), Daniel Crow (president, CUPE 4207), Don Dworet (faculty, Education and president of BUFA), Thomas Dunk (dean, Faculty of Social Science), Marion Hansen (recorder), Judith Knight (Aboriginal Education Program and graduate student), Kimberly Meade (vice-provost and associate vice-president, Student Services), Pauline McCormack (associate vice-president, Human Resources), Dolana Mogadime (faculty, Education), Jocelyn Murtell (Graduate Students' Association), Janice Walker (CUPE 1295) and Vince Wilson (Student Development Centre Student Conduct manager). Members of the Committee from April to June 2009 were: Cathie Closs (director, Student Development Centre), Anna Lathrop (associate dean, Faculty of Applied Health Sciences), and Carol Merriam (past-president of BUFA).

## Mediataalk

### People in the news

**Cindy Dunne**, director, Co-operative Education, was interviewed Sept. 30 on *580 CFRA Ottawa* about the top five reasons for employers to hire co-op students.

**Martin Head**, chair, Earth Sciences, was interviewed about his newly published research into the geological timescale in the article, "Rocking the geological time scale," published Sept. 29 in the *St. Catharines Standard*.

**Larry Savage**, associate professor, Labour Studies and Political Science, appeared as a guest pundit on the *CTS* program "On the Line with Christine Williams" on Oct. 1. He discussed the prospect of a federal election and the Ontario government's \$50-billion lawsuit against tobacco companies.

**June Corman** was interviewed about her research with Ann Duffy into the economic downturn of Welland by *CBC The Current* for its series "Work in Progress."

**Rob Alexander**, associate professor, English Language and Literature, and **David Hutchison**, associate professor, Education, commented in the October issue of *Kingston Life Magazine* for a story about learning practices in Ontario public schools, "Is the school system failing our kids?"

**Fiona Hunter**, professor, Biological Sciences, was interviewed about the Asian bush mosquito for a story, "Ouch! A mosquito built to breed and feed; Japanese import is here and has no problem with cool weather," published Sept. 24 in the *Ottawa Citizen*.

**Debbie Slade**, director, Centre for the Arts, commented on the Centre's success and the new season in "Celebrating 40 years as Niagara's cultural treasure!" published Sept. 25 in the *St. Catharines Standard*.

## Timescale

*Continued from Page 1*

As a result of this change, all geology textbooks will now need to be rewritten."

In June 2009, the Executive Committee of the International Union of Geological Sciences (IUGS), which presides over the geological timescale, formally ratified a proposal by the International Commission on Stratigraphy to lower the base of the Quaternary System/Period.

The geological timescale in its

modern form emerged during the 19th century.

The term "Quaternary" is a quaint reminder of an earlier and now outdated view that geological time could be subdivided into four units.

The *Journal of Quaternary Sciences* article, "Formal ratification of the Quaternary System/Period and the Pleistocene Series/Epoch with a base at 2.58 Ma" is available online: [www3.interscience.wiley.com/journal/122602421/abstract](http://www3.interscience.wiley.com/journal/122602421/abstract)

## H1N1 update

*Continued from Page 1*

For more information on the Ontario Government's Flu Shot strategy go to: [www.health.gov.on.ca](http://www.health.gov.on.ca)

Facilities Management has increased fresh air volumes in buildings where this is possible and is working on early activation of humidification systems. Custodial Services is maintaining regular touch point cleaning in public areas.

Departments and offices are advised to supplement these actions with regular wiping of multi-user facility and equipment touch points as needed. Offices with front counters or public access are encouraged to provide desktop hand-sanitizer dispensers where feasible.

Additional public access hand-sanitizer stations have been installed and there are now more than 100 of them around campus – including 10 free-standing no-touch automated devices that will be used at Convocation and other large events.

Student Health Services has activated an H1N1 information hotline (905-688-5550,

xSICK or x7425) for students to call if they have any concerns or questions about H1N1. It will be answered during clinic hours and any messages will be returned.

Brock employees can get advice from the Niagara Region Public Health's H1N1 information line at 905-688-8248, x7950, or by calling Human Resources-Environment, Health and Safety at x3274 if they have any questions.

Students and employees are encouraged to assist with the University's tracking of H1N1 by signing into [my.brocku.ca](http://my.brocku.ca) and submitting "Got Flu" if they are experiencing influenza-like illness.

Don't forget that it's up to you to fight Flu – wash hands, cover coughs, wipe common surfaces, keep your hands away from your face, and stay home if ill.

For the latest H1N1 updates please check the University's homepage under "News".

For more information about H1N1 facts and what you can do to fight flu, visit the University's Pandemic Influenza Planning website: [brocku.ca/pandemic-flu](http://brocku.ca/pandemic-flu)

## Three questions with... Cathy Mondloch



PHOTO: TEREZA STASINA

Cathy Mondloch is a professor in the Department of Psychology. She has been at Brock for six years. Cathy's research centres on the development of face processing and she is recognized for her investigation in the role of early visual experience in a child's development. She lives in St. Catharines with husband Michael and teenage children Jonah and Allison.

**What do you like about your job?**

I love learning something new each day and working with students in my lab.

**What do you do for fun?**

I curl in the winter and golf in the summer; I enjoy spending time with family.

**What was the last good book(s) that you read?**

*The Book of Negroes/Harry Potter*

"Three questions with..." is a feature allowing faculty and staff to get to know their co-workers. Suggestions for the next profile can be made via [campusnews@brocku.ca](mailto:campusnews@brocku.ca) or by calling ext. 4420.

## Faculty and Staff

### CHEMISTRY

**Georgii Nikonov** gave the lecture, “Mechanisms of Mo catalyzed hydrosilylation,” at St Francis Xavier University, Sept 16; Mount Allison University, Sept 17; and Dalhousie University, Sept 18.

### EDUCATION

**Peter Vietgen**, Department of Teacher Education, developed and curated an exhibition, entitled “In Tandem,” in partnership with Rodman Hall Art Centre and West Park Secondary School in St. Catharines. Inspired by the current Rodman Hall installation *Theatrum Mundi*, by artist Catherine Heard, senior Visual Arts students from West Park Secondary School were guided through an exploration and subsequent creation of their own interpretations of the renaissance concept of the “wunderkammer,” or “cabinet of curiosities” which influenced Heard. The students’ art was featured as part of a District School Board of Niagara Teachers’ Evening, Oct. 13, and will be on exhibit until Oct. 18.

The following presentations were made at a meeting of the American Educational Research Association, in San Diego, in April:

- **Julian Kitchen** and **Lorenzo Cherubini**, “Studying Aboriginal people, seeing ourselves differently”
- **Julian Kitchen**, **Lorenzo Cherubini**, **Lyn Trudeau** and **Janie Hodson**, “Weeding out or developing capacity? The teacher education experiences of new Aboriginal teachers”
- **Julian Kitchen**, with University of Toronto colleagues Clive Beck, Clare Kosnik and Kristin Tenebaum, “Classroom organization and literacy teaching: Experiences, views, practices of new teachers over three years”

### HISTORY

**David Schimmelpenninck van der Oye** presented a talk, “Ideologia i vnesniaia politika: Rossiiskaia Imperiia na puti k Russko-Yaponskoi voine” (Ideology and Foreign Affairs: The Russian Empire on the Path to War with Japan), to the Department of 19th and early 20th century History of Moscow State University, on Sept. 29.

### MATHEMATICS

**Thomas Wolf** gave a talk, “Positions in the Game of Go as Complex Systems,” on Sept. 26 at the IEEE TIC-STH 2009 Conference, (<http://www.tic-sth2009.org>) in the ENCS’ 2009-International Symposium on Engineered and Natural Systems: Modelling, Simulation and Analysis.

### POLITICAL SCIENCE

**David Siegel** spoke to the Annual Conference of the Ontario Municipal Administrators’ Association on the topic of “The Leadership Role of Municipal Chief Administrative Officers,” Burlington, Oct. 2.

**Charles Burton** spoke on “Most Critical Challenges for Human Rights for the Next Year in China” to the Canadian Coalition on Human Rights in China, at the International Centre for Human Rights and Democratic Development, in Montreal on Sept. 21.

### VISUAL ARTS

**Amy Friend** is exhibiting her photographic work at the University of Notre Dame, Riley Hall of Art and Design, in Indianapolis, from Sept. 28 to Oct. 23. This exhibition, entitled “Soon This Space Will Be Too Small,” features large-scale photography relating to ideas of temporality and interpretations of freedom.

## Publications

**Blayer, Irene Maria F.** and Fagundes, Francisco C. eds. (2009). *Narrativas em Metamorfose: Abordagens Interdisciplinares. Cuiabá*, Brasil: Cathedral Publicações, Universidade de Mato Grosso.

Gibbard, P.L., **Head, M. J.**, Walker, M.J.C. and the Subcommittee on Quaternary Stratigraphy. (2009). Formal ratification of the Quaternary System/Period and the Pleistocene Series/Epoch with a base at 2.58 Ma. *Journal of Quaternary Science*, 24: DOI: 10.1002/jqs.1338.

Gibbard, P., and **Head, M. J.** (2009). The definition of the Quaternary System/Era and the Pleistocene Series/Epoch. *Quaternaire*, 20(2): pp. 125–133.

De Schepper, S., **Head, M. J.**, and Louwye, S. (2009). Pliocene dinoflagellate cyst stratigraphy, palaeoecology and sequence stratigraphy of the Tunnel-Canal Dock, Belgium. *Geological Magazine*, 146 (1): pp. 92–112.

Ghasemi-Nejad, E., **Head, M. J.**, and Naderi, M. (2009). Palynology and petroleum potential of the Kazhdumi Formation (Cretaceous: Albian-Cenomanian) in the South Pars field, northern Persian Gulf. *Marine and Petroleum Geology*, 26: pp. 805–816.

**Hyatt, C.**, and **Stevens, J.** (2009). “Are Americans really hockey’s villains?: A new perspective on the American influence upon Canada’s national game.” In A. Holman (Ed.) *Canada’s Game? Hockey and Identity*. Kingston, ON: McGill-Queen’s Press.

**Sauer, Elizabeth.** (2009). “The Educated Imagination and the Extended Intelligence.” *Milton Quarterly* (Oxford: Blackwell) 43.3 (2009): pp. 230–35.

## Events

### The Brock University Film Series (BUFS)

**Oct. 14: Summer Hours** (L’heure d’été), Olivier Assayas, France. Descendants of a famous artist try to come to terms with the meaning of objects, heirlooms, and family relationships as they sort out their inheritance together. Featuring Juliette Binoche and Charles Berling.

**Oct. 21: Tetro**, Francis Ford Coppola, U.S. An Italian teenager arrives in Buenos Aires in search of his older brother, Tetro, who has been missing for 10 years. Written and directed by Coppola, with Vincent Gallo and Klaus Maria Brandauer.

**Oct. 28: It Might Get Loud**, Davis Guggenheim, U.S. From the maker of *An Inconvenient Truth* comes this documentary about the role of the electric guitar in rock music. Told from the perspectives of three guitar giants: Jimmy Page, the Edge, and Jack White.

BUFS screens Wednesdays, 7 p.m., Empire Theatre, Pen Centre. Tickets \$10. For details, please visit [brocku.ca/bufs](http://brocku.ca/bufs) or call Amanda at 905-688-5550, x3553.

### Special Presentation:

Sunday, Oct. 18: BUFS and the Primavera Concert Series are proud to present a special screening of Fritz Lang’s *Metropolis*, featuring a new score performed live by Andrew McPherson and Deliveryboy of the Juno-nominated world music project Eccodek. This event takes place at 3 p.m. in the David S. Howes Theatre.

Tickets are \$15 (\$12 for students and BUFS passholders) and available through the Centre for the Arts box office.

### Department of Biological Sciences Fall Seminar Series

Unless indicated otherwise, all seminars are held on Fridays at 2:15 p.m. in MC H313. Friday, Oct. 16: Dr. Daryl Somers, Vineland Research and Innovation Centre, Vineland Station, will speak about “Building and applying a genomics research program in horticulture.” Host: Dr. Vincenzo De Luca Friday, Oct. 23: Dr. Thomas Melendy, Department of Microbiology and Immunology, The Witebsky Center, Buffalo, N.Y., will speak about “New approaches for attacking the DNA synthesis of the cancer-causing Human Papillomavirus (HPV).” Host: Dr. Adonis Skandalis

### Archaeological lecture series

Professor Kathleen Lynch, Department of Classics, University of Cincinnati, presents “At Home in Archaic Athens: The Archaeology of a House near the Athenian Agora,” on Sunday, Oct. 18, 3 p.m., Academic South, Room 215, Brock University. No admission charge. Presented by the Department of Classics and the Niagara Peninsula Society of the Archaeological Institute of America. For further information visit [niagaraiaia.netfirms.com](http://niagaraiaia.netfirms.com)

### Book sale

The Welland and District Chapter of the Canadian Federation of University Women (CFUW) will hold its annual book sale at the Niagara Regional Fairgrounds, 1100 Niagara St. N., Welland, Saturday, Oct. 17, from 9 a.m. to 3 p.m. Proceeds provide scholarships for local high school students.

### Centre for the Arts

As part of a cross-Canada tour, Juno award-winner, platinum selling artist Jesse Cook recently announced that he will perform an additional concert at Brock’s Centre for the Arts, next April. In addition to the sold-out April 25, 2010 show, Cook will return to the Brock stage on April 26. Tickets for the extra show went on sale Oct. 9. Visit [arts.brocku.ca](http://arts.brocku.ca) for more information on this event and the Centre’s 2009-10 season lineup.

### Marilyn I. Walker School of Fine and Performing Arts

#### Department of Visual Arts

**Exhibits:** David Wright, Oct. 5 to 31, Sean O’Sullivan Theatre Gallery.

### Rodman Hall Art Centre

[www.brocku.ca/rodmanhall](http://www.brocku.ca/rodmanhall)

**Education:** Register now for Fall art classes including Saturday afternoon classes and PA Day camps to inspire youth ages 6 and up – and a little something for the young at heart too. View course listings and registration information online:

[www.brocku.ca/rodmanhall/education](http://www.brocku.ca/rodmanhall/education).

### Events:

**VERVE:** Friday, Oct. 16, 9 p.m. to 12 midnight, After the James Street Night of Art, go west! Admission: \$10/members, \$12/general, free for JSNA performers and attendees. Featuring:

- tiny bill cody and the Liquormen serve up a signature cocktail of German cabaret-infused pop (with just a pinch of cowboy yodeling)
- Shake your moneymaker with DJ Marinko and step on stage yourself in Protoscenia
- Buttons, buttons, buttons! Bust out your best for a DIY button-making frenzy
- Fuel your funk with sweets and savouries courtesy of Sweet Rage

The James Street Night of Art is presented by the St. Catharines and Area Arts Council. Visit [www.stcartsCouncil.ca](http://www.stcartsCouncil.ca) for all the details. With smashing art, extraordinary music, and fabulous drinks, VERVE is a chance to dress up and turn out for mixing and mingling with culture after a long work week.

**HOT TALKS!** “Public Art and Urban Futures: A revised look at public art in the city,” Thursday, Nov. 5, 7 p.m. Admission: \$8/members, \$10/general, free for Brock University students.

Because public art suffers from falling between the realms of art and urban planning, it is often neglected in debates both on contemporary art and the future of cities. This panel focuses on the roles for art in public spaces — decoration within urban design as well as a social process of criticism.

### Exhibitions:

- Tor Lukasik-Foss: *Protoscenia*; on view until Dec. 6
- Monica Tap and Michel Daigneault: *Unnatural*; on view until Jan. 3, 2010
- Simon Frank: *Terra Incognita*; on view until April 1, 2010
- Catherine Heard: *Theatrum Mundi*; on view until Jan. 3, 2010

## Archaeologists from around the world explore scientific, ethical issues

The seas of change in the scholarly and commercial exploration of underwater cultural heritage will bring an international group of maritime archaeologists and legal specialists to Brock University, Oct. 22 to 25.

The workshop, “Who Owns Underwater Cultural Heritage? Perspectives on archaeological law and ethics in the Mediterranean,” addresses scientific and ethical complexities faced by archaeologists who explore the sea that served as both bridge and boundary between ancient and modern times.

Brock Classics Professor Elizabeth Greene says discussions will focus on the impact of international guidelines established in the UNESCO 2001 Convention on the Protection of the Underwater Cultural Heritages, which entered into force in January 2009. This convention is intended to guide the exploration of submerged cultural remains in the Mediterranean region.

She adds that the workshop provides a forum for experts in the field to work together in developing strategies for effective archaeological activity in areas that lie outside the territorial jurisdiction of individual modern states.

“This group has a collective responsibility as stewards of world cultural heritage,” says Greene. “The workshop will touch on all aspects of that responsibility — past experience, present policy, and future practice. Our discussions will continue next year as a second workshop is planned by the University of Pennsylvania Cultural Heritage Center in March 2010.”

Attendance at the following lectures is free and all are welcome:

#### Thursday, Oct. 22:

- 7 p.m., Academic South 203: Robert Grenier, O.C., Underwater Archaeology Service, Parks Canada, and past president of the International Scientific Committee on the Protection of the Underwater Cultural Heritage, UNESCO/ICOMOS, will present “The 2001 UNESCO Convention for Heritage Shipwrecks and the Significance of the 1565 Basque Galleon San Juan from Labrador Selected for its Logo.”

#### Friday, Oct. 23:

- 9 a.m., Sankey Chamber: John P. Oleson, Department of Greek and Roman Studies, University of Victoria, will present “Herodotus, Aristotle, and Sounding Weights: The Deep Sea as a Frontier in the Classical World.”
- 6:30 p.m., Academic South 204: Ole Varmer, Office of General Counsel for International Law, National Oceanic and Atmospheric Administration, U.S., will present “Treasure Hunting, the Law, and Cultural Heritage in the United States and Beyond.”

The workshop is sponsored by SSHRC, the Niagara Peninsula Society of AIA, the Department of Classics at Brock University, the Humanities Research Institute at Brock University, Brock International, and the Penn Cultural Heritage Center.

For more information, please contact Elizabeth S. Greene ([egreene@brocku.ca](mailto:egreene@brocku.ca)) or visit [www.brocku.ca/underwater](http://www.brocku.ca/underwater)