Despite a multitude of opinions, everyone wants to work together.

That was the takeaway of a public participation meeting last week at London City Hall, which brought together the city's Town and Gown Committee, London Police Service, as well as members of the Fanshawe College and Western communities. Each group offered input into police engagement strategies in neighbourhoods around the city's postsecondary institutions.

"We cannot ignore what the public is bringing to the table," said police Chief Brad Duncan. "It is time to refocus again; we don't want to be police-centric."

Given past incidents, rowdy student behaviour has been managed more so by strict enforcement, rather than by engagement, Duncan admitted at the outset of the meeting. This approach has ensured student safety and prevented crime, he continued, but given recent criticisms of Project LEARN's zero-tolerance approach, there is a need to move forward.

The chief hopes to find a way of limiting strict enforcement tactics with students, while ensuring a pleasant living environment for all residents.

"We cannot ignore what the public is bringing to the table. It is time to refocus again; we don't want to be police-centric."

- Brad Duncan

"My family has lived (in my neighbourhood) for 58 years and it has gone from a family neighbourhood to crap," said John Warner, who lives on Ann Street, where many Western students live.

Warner called his neighbourhood "student hell" from September to May; his voice cracked as he spoke of constant vandalism, urination on his property and a need for increased police patrolling in the student-laden area.

"It's a wonderful neighbourhood, but we have a real problem; the garbage from last week's party is still there. Take a drive down there, see what it's like. It's no fun."

Many other residents said they felt safer knowing a police presence in the area helped keep parties quiet and lewd behavior subdued. As one woman said, Project LEARN makes life more livable.

Warnings don't work; zero-tolerance does, echoed another woman from the Fanshawe area.

That's not to say some residents did not stand up for students. A number of long-term Londoners said they have no problems with students in their neighbourhoods. Some suggested that more student involvement, even neighbourhood captains, in student-
21 // THURSDAY
MCCINTOSH GALLERY
Scott Connaroe: By Rail. Curated by James Patton and organized by the Art Gallery of Windsor. www.uwo.ca/McC.
Opening reception Dec. 5, Monday-Saturday until Feb. 1.

DR. MAUD L. MENTEN MEMORIAL LECTURE SERIES
Seth Rubin, Chemistry and Biochemistry, University of California, Santa Cruz. Specificity in Cell Cycle Signaling by Multisite Phosphorylation. 10:30 a.m. MBS 384.

LEARNING SKILLS PRESENTATION
Writing Multiple-choice Tests. Sign up online: uwo.ca/learning 2:30-3:30 p.m. WSS 3134.

CLASSES WITHOUT QUIZZES
Sterm cells and regenerative medicine: Not just for leukemia any more? David Hess, Schulich School of Medicine & Dentistry and Robarts Research Institute scientist discusses new stem cell-based strategies that may be used in the future to treat diabetes and cardiovascular diseases. Register at classeswithoutquizzes.uwo.ca. 7 p.m. Stevenson Hunt Room, Central Branch Library.

HISPANIC FILM SERIES
Crimen Perpetco. 7-9 p.m. SEB 1200.

22 // FRIDAY
WESTERN PENSION PLAN FINANCIAL PLANNING
This session covers the basics of contributions, investments and monitoring your plan. Come and bring your lunch. Seating is first come and spaces are limited 12:05-12:55 p.m. UCC room 37.

DON WRIGHT FACULTY OF MUSIC
The San Augustin Yeast systems biology determines that Yeas as a model for Alzheimer’s? Biochemistry, Microbiology and Immunology, University of California, Santa Cruz. 3:30 p.m. BGS 0153.

ARTS & HUMANITIES STUDENT COUNCIL
An Evening with Joan Ghamhei. Being an activist in the context of music, art and the media. Students $10/General public $15. 8 p.m. Mustang Lounge. Doors open at 7 p.m. Keynote and Q&A session.

MEN’S BASKETBALL
Laurentian at Western. 8 p.m.

23 // SATURDAY
WOMEN’S VOLLEYBALL
Brook at Western. 1 p.m.

24 // SUNDAY
MUSEUM OF ONTARIO ARCHAEOLOGY
Annual First Nations Art & Craft Show and Sale. Admission is by donation. 10 a.m.-4 p.m.

FACULTY MENTOR PROGRAM
Research Support: Beyond the Three Councils. Program details and registration available at uwo.ca/bsr. 1:30-3:30 p.m., Teaching Support Centre, Weldon Library, room 121.

EARTH SCIENCES COLLOQUIUM
Bernd Milkeret, University of Toronto. Seismic Imaging in the Presence of Strong Contrasts – How forgetful are seismic waves? 3:30 p.m. BGS 0153.

WOMEN’S BASKETBALL
Laurentian at Western. 6 p.m.

DON WRIGHT FACULTY OF MUSIC
Britten lecture by Lloyd Whitesell, McGill University. 6:30 p.m. Talbot College, 141.

LEARNING SKILLS PRESENTATION
Manage Your Time for Mid-year Exams. Sign up online: uwo.ca/learning 11:30 a.m.-12:30 p.m. WSS 3134.

GERMAN CONVERSATION GROUP
12:30-1:30 p.m. UC 288.

ONTARIO GRADUATE SCHOLARSHIP (OGS) INFO SESSION
Designed to provide clear direction on how to apply for an OGS at Western. No registration required. 4:30-6:30 p.m. UC, Conron Hall, 2nd floor.

ARABIC CONVERSATION GROUP
4:30-6:30 p.m. UC 222.

DON WRIGHT FACULTY OF MUSIC
Canadian composer concert by Gwen Beamesh with Shana Brown, soprano, Robin MacMillan, oboe, and Julia McGregor, cello. 6 p.m. von Kuster Hall.

DON WRIGHT FACULTY OF MUSIC
The Instrumental Britten: Thomas Webe and Stephon Sylvestre and friends perform instrumental masterpieces. 8 p.m. von Kuster Hall.

25 // MONDAY
LEARNING SKILLS PRESENTATION
Hess, Schulich School of Medicine & Dentistry and Robarts Research Institute scientist discusses new stem cell-based strategies that may be used in the future to treat diabetes and cardiovascular diseases. Register at classeswithoutquizzes.uwo.ca. 7 p.m. Stevenson Hunt Room, Central Branch Library.

HISPANIC FILM SERIES
Crimen Perpetco. 7-9 p.m. SEB 1200.

26 // TUESDAY
SENIOR ALUMNI PROGRAM
Graham Thompson, Biology, Western. Animal Societies – How genes mediate conflict and cooperation in group-living animals. 9:30 a.m. UCC, McKellar Room.

VISITING SPEAKER IN CHEMISTRY

DON WRIGHT FACULTY OF MUSIC
Chorale and Les Choristes. 12:30 p.m. Paul Davenport Theatre.

LEARNING SKILLS PRESENTATION
Preparing for Multiple-choice Tests. Sign up online: uwo.ca/learning 2:30-3:30 p.m. WSS 3134.

RESEARCH MATTERS CAMPAIGN
Western and the Council of Ontario Universities host What Matters Now London. Jody Culham, Western, Brain & Mind Institute, will engage other Ontario researchers in a fun discussion and debate about what and why research matters to our world. Free registration uwo.ca/event/what-matters-now-london/ 6:30 p.m. London Children’s Museum.

DON WRIGHT FACULTY OF MUSIC
Inside the Music: Britten’s Artistic Legacy. A panel discussion with Stephen Ralls and faculty members. 8 p.m. von Kuster Hall.

ITALIAN FILM SERIES
Loose Canons. 8 p.m. UC 84.

27 // WEDNESDAY
THE CHINESE PROGRAM AT HURON
Anyone wishing to speak Chinese and meet people who study Chinese is welcome. Email hzw1@huron.uwo.ca. 10:30-11:30 a.m. A18, Huron.

SCHOLARS TO LEADERS CLUB
Monthly meetings centre on guest presenters from Western’s network of mentors who share their valuable insight and expertise on these elite scholarship programs. Visit Scholars to Leaders Club – Registration to sign up. 12:1 p.m. Health Sciences Addition, room H101.

BIOMEDICAL IMAGING RESEARCH CENTRE AND THE LONDON CHAPTER OF ENGINEERING IN MEDICINE AND BIOLOGY SOCIETY SEMINAR
Richard Frayme, University of Calgary. Role of Imaging Small Vessel Disease in Dementia. 5:30 p.m. UH, Auditorium A, B3-246.

COMPARATIVE LITERATURE RESEARCH FORUM
Mehraneh Ebrahim Eshtatabadi. Veils, Bombs and Belly Dancers. 11:30-12:30 p.m. UO 207.

TOASTMASTER’S CAMPUS COMMUNICATORS
Build your confidence in public speaking. 9119.toastmastersclubs.org/ Contact Donna Moore, dmoore@ uwo.ca or 85159. 12-1 p.m. UCC 147B.

DON WRIGHT FACULTY OF MUSIC
Symphonic band. 12:30 p.m. Paul Davenport Theatre.

DON WRIGHT FACULTY OF MUSIC
Lester B. Pearson School for the Arts. The Little Sweep. 1:30 and 7:30 p.m. Nov. 27-29.

ITALIAN CONVERSATION
2:30-4:30 p.m. UC 288.

THE DEPARTMENT OF MODERN LANGUAGES AND LITERATURES
La Tertulia. Anyone wishing to speak Spanish and meet people from different Spanish-speaking countries is welcome. Email tertulia@uwo.ca. 4:30 p.m. UC 205.

WOMEN’S BASKETBALL
Brook at Western. 6 p.m.

MEN’S BASKETBALL
Brook at Western. 8 p.m.

DON WRIGHT FACULTY OF MUSIC
Britten in Song: The masterclass. 8 p.m. von Kuster Hall.

GERMAN FILM SERIES
Sugar Baby. 6 p.m. UC 288.

Have an event? Let us know.
E-mail: comingevents@uwo.ca

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12-1 p.m. UCC 147B.
Engage Western helps put ‘wheels in motion’

Western professor Cheryl Forchuk, associate director of Nursing Research at the Arthur Labatt Family School of Nursing, was part of a panel discussion at Engage Western, sharing perspectives and stories about the ways academic institutions partner with their community.

BY PAUL MAYNE

WITH THE OPPORTUNITY to highlight the important ties made between an educational institution and its local community, last week’s Engage Western event was also an opportunity to advocate ways to strengthen these partnerships.

Engage Western brought together representatives from Western, Fanshawe College, the London community, as well as government at all levels, to share perspectives and stories about the ways academic institutions partner with their communities.

The event, part of the Association of Universities and Colleges of Canada’s Open Doors, Open Knowledge national campaign, was echoed at universities across the country this month.

Martin Taylor, a special advisor for Community Based Research Canada, said universities and communities are coming together in order to make a difference across the country.

“There are institutions that have the responsibility to encourage, promote this kind of activity,” said Taylor during a panel discussion that kicked-off the day-long session.

“Universities need to play a role not only locally, but globally. Those who feel that universities are simply lobbing the ideas over the fence and hoping someone will pick them up are mistaken.”

He added, however, universities need to be asking the right questions if change is to be initiated.

“It’s easy for us, as universities, to feel we don’t need to be structured in what we ask. If we don’t ask the right questions, the answers we come up with will not necessarily be the right target we’re looking at,” Taylor said. “We also need to engage the right players. These ingredients are what is needed to make a difference.”

Western professor Cheryl Forchuk, associate director of Nursing Research at the Arthur Labatt Family School of Nursing, said her research on support for psychiatric consumers/survivors depends heavily on the engagement of the community.

“I could not do the work I do without the partnerships that have been made in the community,” she said.

In her role as community collaboration program manager with London’s Pillar Nonprofit Network, Maureen Spencer Golovchenko added the goal of Pillar is to contribute to a healthier, more vibrant community.

“We have wonderful and dedicated people working every day in the community,” she said. “What we want to do is combine our resources with the brilliant people up on campus, to listen to them, work with them and, wow, we can make a change in our community. No one sector can solve all the complex issues, there is a role for everybody.

“We need all the wheels in motion.”

And those wheels need to include students, said Rick Ezekiel, experiential learning team coordinator at Western’s Student Success Centre.

“The partnerships and relationships we engage in are always reciprocal in nature,” he said. “To the community, the students and the university itself, it’s an opportunity for us to open the door to the community for our students because these student can be the drivers of change.”

Engage Western, presented by Western’s Student Success Centre and Public Humanities @ Western, wrapped up the day with Stories of Health at Western, a public storytelling initiative and community-engaged research project.

Anne-Marie Fischer, community service learning coordinator with the Student Success Centre, said the diverse perspectives on community-university engagement set a strong foundation for further dialogue and initiatives on community/university engagement.

“We hope that Engage Western serves to increase the dialogue about the great potential that exists when universities partner with communities,” said Fischer, adding there are possible ideas proposed for future events to help build connections between communities and the faculty, staff, students and researchers at Western.

Fischer added the Campus Community Connections Working Group, which meets regularly to promote community/university engagement, hopes to build on this past week’s gathering to build a strong infrastructure at Western to promote mutually beneficial and sustainable partnerships.

FESTIVE BUFFET

Tues. Dec. 3rd - Fri. Dec. 20th

- Daily Homemade Soup
- Selection of Salads - with an emphasis on Local Produce

Hot Buffet:
- Slow Roasted Turkey
- Served with
- Orange Cranberry Sauce
- Thyme & Sage Dressing
- Accompanied By:
- Medley of Winter Vegetables
- Roasted Potatoes with Sea Salt

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Petro-Canada Young Innovator Awards
For Western and Robarts Researchers

Created by endowed donations from Petro-Canada, this program recognizes, promotes and supports the work of new researchers whose work is particularly innovative, impacts positively on the learning environment in the department in which they study, and has the potential to be of significance to society at large. The program is intended to help attract and retain bright young minds at Canadian Universities, colleges and major research institutes and to help young researchers launch their scholarly careers and enable them to carry their research forward. Eligibility is award specific. Priority is given to research related to Petro-Canada’s areas of interest.

Grant Amount:
- Western - $12,500 and Robarts - $3,500

Deadline:
- RD&S Deadline - February 28, 2014

For more “Funding News”, please visit: uwo.ca/research

Contact:
- Florence Lourdes
- Internal Grants Coordinator
- Research Development & Services
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Editor’s Letter

When a nation crosses over from satire to schadenfreude

JASON WINDERS
Western News Editor

I don’t want to hear any more lectures from you. Not one.

I don’t want to hear how Americans are rubber-neckers for cultural trainwrecks. No matter how they obsess over scandal or can turn anything into a joke. No more about how unfeeling they can be.

If the Toronto Mayor Rob Ford mess has taught us anything, it is Canadians can be just as shallow as the neighbours to the south. Only difference, Canada has had fewer opportunities.

Quick, who won the 2013 Nobel Peace Prize? You see.

I don’t want to hear any more lectures from you, Canada.

In addition to making headlines around the globe, Ford has been a punchline for late-night monologues, as well as the subject of more than a letterman Top 10 list. He has been a punchbag for new cultural bellwethers like The Daily Show with Jon Stewart and The Colbert Report, and lampooned on Saturday Night Live. In just a few short weeks, he has burned himself into pop culture consciousness — crossing over from politics to hold down a ‘sideshow freak’ status previously afforded to the likes of Silvio Berlusconi and Anthony Weiner.

I’ll admit to joining in from time to time. How can you not? It has been an amazingly bizarre tale, as surreal as it is sad.

It also doesn’t hurt that I, like so many, simply don’t like the man. From politics to personality, I think he’s a blueprint example of the erosion of political leadership in Canada and the United States. His faux populist, anti-intellectual mindset has me begging for another ice age. I hope he and his family disappear from public life, becoming a hard-to-recollect trivia question answer.

Those feelings aside, something happened this week; I started feeling sick about what I was watching.

Somewhere along the way we, as a Canadian society, crossed over from satire to schadenfreude. We need today’s juicy tidbit to be that much better than yesterday’s. We’re junkies on the same level as Ford himself. We’re unable to keep the thirst for one more hit at bay, thus going to embarrassing lengths for that next fix.

No longer satisfied with following the unfolding story, we are actively rooting for the car to careen over the cliff.

You know that’s the direction we’re heading with Ford. Each subsequent interview and press conference lays bare a more and more troubled, mentally disturbed addict in deep denial. He is enabled by an equally troubled family with all the dysfunction of a Sam Shepherd play, and eggged on by a maddening crowd with a thirst for blood.

Did you see the ‘regular’ people surrounding him at last weekend’s Toronto Argonauts game? Ford hammred it up for cameras, hugged and cheered, even sat next to a Hamilton fan holding a sign reading, “Our mayor’s better than yours.”

Thanks to social media, and the snarky hipster class it has empowered, shots of Ford went viral within moments, each with an accompanying quip about the man. How could they pass up the opportunity? These were not well-wishes, not fans or supporters of the man, but cultural rubber-neckers getting their ironic moment in before it all comes to an end.

This has become a Charlie Sheen moment for Canada.

How often have I been lectured about fighting the stigma of mental health from the federal government to the national media to my own employer? And this is how we apply those lessons.

We have become a nation of people poking a badly wounded animal with a stick just for fun. We no longer think about getting the man help, but instead, root for his demise in as public — and televised — a fashion as possible.

That said, count me out from here on. Maybe let me know how it ends, but I think I already know. No more lectures from you. Not one.

WHAT’S IN A NAME? RICHARD IVEY BUILDING

IN 1949, THE School of Business Administration was established as a separate faculty at Western with offices located in the basement of University College. Richard G. Ivey, lawyer, businessman and philanthropist, helped found the school and served as the first chairman of its Advisory Committee.

In 1954, Western granted Ivey an honorary Doctor of Laws degree in recognition of his contributions to the university. A year later, he became Western’s chancellor, a role he held until 1961. During his tenure, Ivey led an effort to fund the construction of the School of Business Administration building on campus. To honour his leadership, the building would bear his name.

His son, Richard M. Ivey, HBA’47, and grandchildren, Richard W., HBA’72, and Rosamond, HBA’82, are graduates of the business school. Richard G. Ivey passed away in 1974.

- Paul Mayne

Opinions expressed here are those of the author and do not necessarily reflect the opinions of or receive endorsement from Western News or Western University.

COMMENTARY POLICY

- Western News applies a commentary label to any article written in an author’s voice expressing an opinion.
- Western News accepts opinion pieces on current events that showcase research or academic expertise of the author.
- Western News accepts letters to the editor. Limit is 250 words maximum, and accepted only from members of the Western community — faculty, staff, students and alumni. Writers may only submit once a semester.
- As an academic institution, Western News encourages lively debate, but reserves the right to edit, ask for rewrite or reject any submission, and will outright reject those based on personal attacks or covering subjects too removed from the university community.
- Western News will offer rebuttal space on any topic, and may actively pursue a counterpoint to arguments the editor feels would benefit or change your view.

“Our objective is to report events as objectively as possible, without bias or editorial comment. We hope you will read it and contribute to it.”

— L. Moore, University Relations and Information director

NOVEMBER 15, 1972

POST OFFICE

Please do not forward. Return to Western News, Western University, London, Ontario N6A 3K7 with new address when possible.
In 1922, construction began on what is referred to today as, the Physics and Astronomy Building. The building was completed and became the home for the departments of Astronomy, Physics, Zoology, Plant Science, Mathematics, Chemistry, and Geology. At the time, the building served as a state-of-the-art setting for science research and teaching.

In celebration of past discoveries and future innovations, Western Science will host a re-opening event from 10:30 a.m. to 12:30 p.m. Friday, Nov. 29 in the Physics Building and will be adapted to fit the needs of the changing times. The current research, as well as the challenges of 21st century physics and astronomy, will be featured in the halls of the building.

What follows are some of the highlights of the world-altering science achieved in the halls of the Physics Building and the North Sciences Building. In 1924, the building was completed and became the home for the departments of Astronomy, Physics, Zoology, Plant Science, Mathematics, Chemistry, and Geology. At the time, the building served as a state-of-the-art setting for science research and teaching.

As Western's reputation for scientific discovery grew and departments relocated, the building was completed and became the home for the departments of Astronomy, Physics, Zoology, Plant Science, Mathematics, Chemistry, and Geology. At the time, the building served as a state-of-the-art setting for science research and teaching.
Commentary

Eyeing help in a typhoon’s aftermath

BY JOSH ZYSS

FOUR YEARS AGO, I started an organization called Feeding a Future, a non-profit group aimed at helping the children of the Philippines move from dumpsites into classrooms.

Last week, I watched the news, feeling hopeless and devastated. Typhoon Haiyan invaded the lives of the most defenceless people I came to know. All I could think was what will become of the dumpsite children, and their families? In remote places such as the dumpsite community, the inhabitants are marginalized. They suffer in stick-and-cardboard dwellings held together by plastic bags and discarded scraps. They are only 30 km from downtown Tacloban, where the typhoon made landfall.

What becomes of these people in a disaster situation? On the evening news, we see airplanes full of aid delayed at the Tacloban airport. Anyone lucky enough to make it to the airport may be able to get a bottle of water, if they are near the front of the line.

Compared to the thousands who actually get on a transport, few are sent to Manila or Cebu. What awaits them there is anyone’s guess. What do you do with so many homeless refugees? These are the lucky ones. Planes are delayed and their supplies do not get out to the country-side where they are needed most.

Imagine if the world were better organized and all of the countries more co-operative? In a utopian situation, helicopters could drop off food, water and medical supplies up and down the coast immediately after the disaster. This would drastically cut down on the after-Haiyan causalities.

But such is not the world we live in. Everything goes through bureaucracies, at a disastrous cost to human life. The weakest and poorest are not only the furthest away from the front of the line, but from any help whatsoever.

The 30 children in my project, along with their families, are miles from any possible aid. I have just heard that all 30 have survived the typhoon. They now face the struggle to continue to survive. What becomes of them now that the dumpsite is washed away, along with any garbage (food?) to scavenge? How will they survive the next day, week and month?

In this desperate situation, our charity has authorized for all of our funds to go to food, while the community tries to rebuild. I hope to go back to the Philippines as soon as I am able. In the meantime, my partner, Blair, will be there next month to help with reorganizing and rebuilding our children’s world. Organizations like Volunteer for the Visayans and the Tacloban City Rotary Club will keep us updated with what is needed most urgently for the dumpsite community.

We urgently need help to rebuild what we have lost. And we will rebuild.

For more information, contact Joshua Zyss, a Faculty of Science student, at jzyss@uwo.ca, or visit the Feeding a Future website, feedingafuture.org.
Mechanical and Materials Engineering professor Jun Yang’s research is developing a new approach to printing 3-D materials with easy-to-modify surfaces.

**BY PAUL MAYNE**

**ENGINEERING PROFESSOR JUN**

Yang said there’s a Chinese saying that 'people cannot use a basket to draw water.’

But what if you could make a basket that can do just that — and with a 3-D printer, no less. Thanks to research being developed by Yang and his colleagues, it is indeed possible.

Yang has developed a process called i3DP (initiator integrated 3DP), an approach to printing materials with easy-to-modify surfaces. Normally, different inks — and different layers — require multiple 3-D printers. The development of this process, however, puts it all in one machine.

“When we prepare the printing ink with an initiator, it’s like a tree,” Yang said. “The tree grows and the branches appear and each can have a different function. If you want to make a 3D structure conductive, or you want to insulate it from electromagnetic waves, we can modify it in that way.”

A bromine-containing acrylate is added to a 3D printing resin, which acts as an initiator to allow polymer brushes to grow on the printed surface. The printed 3D structures are then grafted into useful materials — anything from aircraft and auto parts to bio-medical devices and even human bones — all using what is called surface-initiated atom transfer radical polymerization (ATRP).

This process also allows the structures to achieve antimicrobial properties, which inhibits the growth of bacteria on the surface, necessary for biomedical applications. In addition, since the whole structure, including the inner surface, is bonded with the initiator, surface damage can be easily ‘repainted’ with the ATRP process.

“We just don’t want a structure, but instead bring a function to that structure,” Yang said. “We are very excited about this because this can solve big problems in industry occurring with 3D printing. I don’t think there is an end of the line for this. It is very versatile.”

To test his approach, Yang fabricated two structures — a cube and a ball — each containing the polymer brushes and modified them to be either superhydrophobic (repels the water) or superhydrophilic (contains the water).

In testing the ball, the liquid was contained despite the 1.5mm pores in the mesh and despite even shaking the ball. In other words, the ‘basket’ held the water. Yang created a short video to showcase the breakthrough. View it at http://tiny.cc/xnsu6w.

“If it were a regular ball, the water would leak out,” Yang said. “But modifying it, there is no leakage.”

These applications could be used in something as simple as a shower curtain, allowing oxygen to pass through, but not water, or perhaps in industry, where windshields could be coated and potentially eliminating the need for wipers.

So far, the technique is only suitable for photopolymerization-based 3D printing, but Yang said he is working on printing smaller structures with greater accuracy.

“As engineers, we don’t like to do research to be surprised,” Yang said. “But there might be some things unexpectedly discovered along the way.”
Hollywood star shines on Western

Actor and activist Martin Sheen toured Robarts Research Institute Tuesday afternoon, prior to his appearance at the Leaders in Innovation dinner, organized by the Schulich School of Medicine & Dentistry. While at Robarts, Sheen tried his hand at a tele-robotic system used for remote manipulation of a catheter, under the watchful eye of Schulich professor Dr. Geoffrey Pickering. The first of its kind system has been developed by Western graduate students Ali Tavallaei and Daniel Gelman.
Academics

Professor fuses philosophy, technology for answers

BY ADELA TALBOT

IT’S A MATTER of looking at old questions by way of new technologies. That’s how David Bourget describes the Centre for Digital Philosophy, a new initiative he started within Western’s Department of Philosophy.

Bourget, who joined the department in July, saw an opportunity while completing his PhD to combine his philosophical interests with technology. Since, his brainchild has been helping hundreds of thousands of philosophers.

“I have two distinct interests, one being philosophy of mind – what I was trained in. I’m interested in consciousness and how it arises in the brain. There are some big mysteries there. But I am also interested in what I call digital philosophy, which is really about helping us answer philosophical questions, or better understand them through technology,” he said.

With a mission of advancing philosophical research through technology, the Centre for Digital Philosophy, cdiphil.uwo.ca, with Bourget at the helm, maintains and develops online tools and services that are widely used by philosophers, including PhilPapers.

“PhilPapers, the main site I’ve been working on for 10 years, is a search index for papers in philosophy. It’s also a big bibliography in the field with thousands of topics. There are thousands of volunteers who contribute to classifying papers,” Bourget explained.

“I created (the centre) as a place where we can try to help people solve philosophical problems through technology. I think we need to organize the information we have better, to avoid repeating mistakes of the past. We need to improve how we discuss and exchange research findings in philosophy. If we make progress there, we will get better at solving philosophical questions – traditional questions like, ‘How does the mind relate to the body?’ What is justice? What is free will?’

Philosophical questions are interconnected, Bourget continued, and difficult for one person, or in some cases, one subset in the field, to tackle alone. Because the questions are interconnected, writing and cataloging traditional papers in a traditional sense isn’t enough. PhilPapers brings everything together, creating a collaborative environment that looks at philosophical questions from all angles in the field.

“There are different initiatives we’re working on. PhilSurvey is going to be a big survey of philosophers’ views on philosophical questions. It will ask people for their views on relations between those questions and can help us understand, like one theory is incompatible with another theory, or in this domain. Once we have this information, we’re going to have a big map of all the key issues in philosophy and how they’re related,” Bourget explained.

“We will see all the points – the hot spots – where debate needs to happen, where we need to clarify things. I think this will be very useful in facilitating dialogue and helping us move forward and keep in mind a big picture, to avoid making mistakes of the past and keep going in circles.”

The answer to one philosophical question can have an impact across the field, which makes these kinds of online tools necessary for philosophy, he continued.

“Philosophy is peculiar. The field is, by and large, structured around questions we’ve never answered. And they’re the same questions. Some people have changed the questions, but by and large, we have these things we can’t agree on.”

Because there’s no consensus, it’s important to know what other philosophers think, what they’ve already said and ruled out, before tackling a question again. This is why something like PhilPapers is useful for philosophy.

“The (tools) are somewhat discipline specific. Philosophy is more interconnected – you’re interested in philosophy of mind but very quickly you find you have to know metaphysics, epistemology and philosophy of language. That’s part of why this is so useful. We need to be able to keep track of the bigger picture as we work on some corner of it,” Bourget said.

Originally from Quebec City, Bourget came to Western by way of the Institute of Philosophy at the University of London, where he directed the Centre for Computing in Philosophy.

“With startup funding from the Faculty of Arts & Humanities and the Rotman Institute of Philosophy, Bourget hopes to see the centre and its funding base grow.

“It would be good for people to realize there are many things we do that could be carried over to other fields. Many people want a site like PhilPapers for their discipline and there’s interest for that.”

David Chalmers, Bourget’s thesis supervisor from the Australian National University, is the associate director for the centre, staff includes Western students and postdoctoral fellows, as well as professional programmers.

Philosophy professor David Bourget is the director of the new Centre for Digital Philosophy at Western. With a mission of advancing philosophical research through technology, the centre maintains and develops online tools and services that are widely used by philosophers.
Under Western Engineering Dean Andrew Hrymak’s leadership, the faculty has seen an increase in undergraduate and graduate enrolment, industry partnerships, alumni activities and outreach initiatives. Hrymak was re-appointed last week to a five-year term as dean of the Faculty of Engineering. His first term concludes June 30, 2014.
Academics

Hrymak engineers a plan to face future challenges

BY JASON WINDERS AND ADELA TALBOT

ANDREW HRYMAK SEES the challenges ahead; now he gets the chance to tackle them. Hrymak was re-appointed last week to a five-year term as dean of the Faculty of Engineering. His first term concludes June 30, 2014.

“I feel very privileged to have the opportunity to serve another term and I really look forward to the next five years,” Hrymak said. “For me, this is really a privilege and an honour. There are lots of good things going on in Western Engineering; it will be great to continue with the work we started and accomplish some great things.”

Under Hrymak’s leadership, the faculty has seen an increase in undergraduate and graduate enrolment, industry partnerships, alumni activities and outreach initiatives. Throughout his first term as dean, Hrymak worked with his team to increase opportunities for women in engineering through participation in activities such as Go ENG Girl, Girls Club and Hydro One’s new Women In Engineering University Partnership with Ryerson University, University of Ontario Institute of Technology and University of Waterloo.

“For undergraduate students, we’re looking at revising some of our programs and focusing on the class experience,” he offered as an example. “At Western, we’re well-known for our ‘best student experience.’ Part of that experience is focusing on academic issues and working to make sure students are prepared academically.”

As for the road ahead, the dean expressed optimism that the university’s Strategic Plan, now in draft form, “shows a stronger impetus and direction in research.” He looks forward to building partnerships with Engineering not only across campus, but in the community and around the world.

In 2011, Hrymak played a key role in securing a long-term research collaboration between Western and the Fraunhofer Institute of Chemical Technology in the area composite technologies. This joint venture—the Fraunhofer Project Centre for Composites Research @ Western—represents the first comprehensive initiative between a Canadian university and an institute of Fraunhofer.

He looks forward to continuing those types of partnerships. In fact, he said the faculty depends, in part, on developing those further.

“An ongoing challenge—and President Chakma has mentioned this before—is the financial one,” Hrymak said. “As we want to start new opportunities, new programs, we know finding the funding in the constrained environment that we have in terms of provincial funding will be difficult. We will require help from our alumni, from industry partners.

“That will be a challenge on an ongoing basis. But, also, it will be an opportunity to rethink what we are doing and doing things in different ways, perhaps even start some new things that might attract some new resources.”

Hrymak holds a BEng degree from McMaster University and a PhD from Carnegie Mellon University. His principal areas of specialization are polymer and materials processing, computational fluid dynamics, and process design and simulation.

Hrymak, who started as Engineering dean on July 1, 2009, was recruited from McMaster where he was a professor and chair of the Department of Chemical Engineering as well as director of the Walter G. Booth School of Engineering Practice and McMaster Manufacturing Research Institute.

He has held leadership positions in professional organizations, chaired major international conferences and is an editor for two journals. He has been recognized through awards by the Chemical Institute of Canada and the American Institute of Chemical Engineers.
**Academics**

**Trio hope to parlay northern exposure into action**

**BY ADELA TALBOT**

**JAXSON KHAN’S RECENT** trip to Iqaluit was the start of a dialogue—one he hopes brings about positive change, not only in Canada’s Great North, but across the nation. Khan, a third-year Global Studies student at Huron University College, recently traveled north with Junior Team Canada, a program that leads trade and development missions with young Canadians, aged 15-25. The mission, organized by Global Vision, a not-for-profit organization, met in Nunavut at the beginning of the month to discuss issues such as resource management, language preservation, safe shipping and building sustainable communities.

With Canada joining the Arctic Council, Junior Team Canada aims to represent a youth voice, meeting with businesses, political and educational leaders in the north to learn more about the cultural heritage of the Inuit people, the challenges they face and to look for innovative solutions to emerging Arctic issues.

Khan was joined on the mission by fellow Western students Connor Lyons, pursuing a dual HBA and Political Science degree, and Aaron Joshua Pinto, in his fourth year of an International Relations and French degree.

“Imagine approaching a small town in (Northern) Ontario of 30,000 and suggesting they immediately take on the responsibility of protecting a unique and cultural landscape, constructing and maintaining a health and education system, tackling rampant substance-abuse and mental-health issues, all while maintaining a complicated and nuanced relationship with the federal government,” Khan said of his recent trip.

“Change in the north is daunting and complex, but from what we saw in our short time amidst its beautiful landscapes and resilient people, it begins with young people.”

On Parliament Hill in Ottawa, Junior Team Canada also met with Colin Carrie, Parliamentary Secretary for the Minister of Environment; Ryan Leef, MP for the Yukon; and Marc Garneau, Liberal Foreign Affairs critic.

Khan said the opportunity to go on the mission is as important for the young Canadians going, as it is to young Canadians in the north.

“Youth have no input up there on how things transpire. There’s a complex and complicated, nuanced relationship with federal government and an important role of the elder, and an ongoing body of knowledge,” he explained.

“There’s no formal venue for youth, no opportunities for young people to share their knowledge and opinions on the issues.”

He added the mission was a great opportunity and the beginning of a youth dialogue dealing with issues unique to northern communities he hopes continues.

“It’s about youth working together. One of the most fundamental things to create is a north-south dialogue. Youth voices are sometimes marginalized and youth don’t really have the opportunities to be heard. This mission was to ignite a fire to spark a conversation, to share our voices and to work together to a better society. The youth voice is a starting point for future cooperation,” he said.

“It will be powerful for the north, having young leaders up north, for culture renewal and Arctic sovereignty.”

As for the benefits to young Canadians across the nation, Khan said, going forward, missions such as this will inform youth of the country’s diversity, of the multifaceted issues that face a varied population.

“This was an opportunity to connect the south and the north. It’s valuable for everyone across provinces, to emphasize the inclusiveness of the Canadian identity,” he said.

“Our identity is diverse, but coming together in that sort of forum, it gives us the space to connect with being Canadians and being young people.”

Terry Clifford, former educator and Member of Parliament, founded global Vision in 1991. Previous Junior Team Canada missions went to more than 35 countries, among them Brazil, South Korea, Vietnam, Colombia, Peru, Germany, China and England.

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**CALL FOR NOMINATIONS**

**Western University Awards for Excellence in Teaching**

Western’s Awards for Excellence in Teaching have recognized outstanding contributions by faculty to the academic development of students since 1980-81. Previous recipients of these awards are ineligible for re-nomination for the same award. Up to six awards may be made annually in the following three categories:

**The Edward G. Pleva Award for Excellence in Teaching** was established to recognize continuing members of full-time faculty (appointed either as Limited Term or Tenured) at Western and at its Affiliated University Colleges. Clinical Academics appointed under Conditions of Appointment; Physicians appointed in Clinical Departments and Clinical Divisions of Basic Science Departments are also eligible for nomination.

**The Angela Armitt Award for Excellence in Teaching by Part-Time Faculty** was established to recognize Part-Time members of faculty. To be eligible, the nominee must have held an academic appointment to teach at least one full degree-credit course (or equivalent) offered by Western or by an Affiliated University College during the fiscal year (May 1 through April 30) preceding nomination. The candidate must not have been a regular full-time faculty member, visiting faculty member, graduate teaching assistant or previous award recipient.

**The Marilyn Robinson Award for Excellence in Teaching** was established to recognize a continuing member of full-time faculty who is appointed either as Limited Term or Probationary at Western or at an Affiliated University College, and who usually has seven years or less of full-time university teaching experience at the time of his or her nomination.

The nominations will be considered by the Senate Subcommittee on Teaching Awards (SUTA). The nomination dossier must be submitted by January 15, 2014 to the Chair of SUTA, c/o the University Secretariat (Room 410L, Stevenson Hall). An electronic copy of the dossier must also be submitted by January 15, 2014 as a single PDF file to Erika Hegedues, Associate University Secretary at erikah@uwo.ca.

For more detailed information, please refer to the following website: [http://www.uwo.ca/univsec/pdf/senate/sutaregs.pdf](http://www.uwo.ca/univsec/pdf/senate/sutaregs.pdf)

Dossiers of winners from the past three years are also available for viewing via the OWL system by sending a request to Erika Hegedues at erikah@uwo.ca.

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Senate explores future financial landscape

BY PAUL MAYNE

WHILE NOT AS drastic as the Common Sense Revolution cuts of the early 1990s, this latest round of provincial cuts to postsecondary education is still akin to “death by 1,000 cuts;” Janice Deakin told university Senate members last week.

During her presentation, Western’s provost and vice-president (academic) discussed the financial reality Western faces over the next few years. She expects the university to see a reduction in provincial funding eventually totaling $15 million.

She said the provincial government, while financially ravaged, is still advancing balancing its books by $750 to universities and cuts,” Janice Deakin said. “We manage our resources well, and this institution has the capacity to get there;” he said. “We manage our resources well, and this institution has the capacity to get there,” he said.

While approximately half the universities face $7.5 million, are assigned to individuals studying in different programs, and at different levels. Each BIU is worth a specific amount of government funding each year. That number will be moving from 2 down to 1.5.

Deakin said all this basically means a 33 per cent reduction in funding to the Faculty of Education. Other looming changes will affect how the university bills students. Currently, when a Western student reaches 75 per cent of a full course load, they pay 100 per cent tuition. While approximately half the universities and colleges in Ontario use this method, the threshold varies at each institution. With the threshold at Western moving to 80 per cent of a full course load, Deakin expects this to cost Western approximately $1.2 million, with another $1.6 million cost in how the university is expected to collect these fees.

While the incremental cuts may not be released until after it has been ratified by both the union members and the university’s Board of Governors. While many psychics claim to be able to read people’s minds, Western neuroscientist Jody Culham really can – with some help from functional magnetic resonance imaging. By tracking brain signals, we can predict two to three seconds in advance of what a person is going to do,” Culham said. This knowledge could open the door for a number of therapies and technologies that address movement disorders by using brain signals to control artificial limbs.

Culham is one of five researchers from across Ontario who will debate What Matters Now London at a free public engagement event at the London Children’s Museum at 6:30 p.m. Nov. 26. It is the second of five talks in the 2014 speaker series, Research Matters, which will travel across the province over the next five months.

Gorton speaks on The Financial Crisis: What Happened?

**// ACADEMIE //**

**PhD Lectures**

Abdulsalam Soleimanli, Chemical and Biochemical Engineering, Design, Synthesis, and Evaluation of New Biodegradable Polymers and Nanoscale Assemblies for Drug Delivery and Imaging. 1 p.m. Nov. 21, MSA 304.

Mihaela Sitariu, History, British-Romanian Relations during the Cold War, 10:30 a.m. Nov. 22, SSC 0420.

Mikelle Bryson-Campbell, Health and Rehabilitation Sciences, Examining the Shift in Occupational Identity after a Brain Injury. 9:30 a.m. Nov. 22, EC 1547.

Martin Van Hoof, Mathematics, Symplectomorphism Groups of Weighted Projective Spaces and Related Embedding Spaces. 2 p.m. Nov. 22, MC 108.


Rui Hu, Computer Science, Representation, Recognition and Collaboration with Digital Ink. 11:30 a.m. Nov. 25, MC 316.

**// CLASSIFIED //**

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Undergraduate Sessional Dates

*Nov. 30: Last day to drop a full course and full-year half course (on campus day and evening and Distance Studies) without academic penalty.* 
*At this deadline occurs on a Saturday, the date will be extended to the next working day.*

Dec. 1: Last day to receive admission applications: Dentistry for 2014.

Dec. 2: Last day to receive admission applications, transcripts, and supporting documentation: Education for 2014.

Dec. 6: Fall/Winter Term classes end.

Dec. 7: Study Day December 8-19 Mid-year examination period.


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**// CAREERS //**

A central website displays advertisements for all vacant academic positions. The following positions are among those advertised at uwo.ca/faculties/positions/faculty/academic-positions.html. Please review, or contact the faculty, school or department directly.

**Full-Time Academic Appointments**

Faculty of Social Science – Department of History

The Department of History invites applications for one limited term position (July 1, 2014-June 30, 2016) at the Assistant Professor level in Jewish Studies, HIS 53. The deadline for applications is March 1.

All positions are subject to budgetary approval. Applicants should have fluent written and oral communication skills in English. All qualified candidates are encouraged to apply, however, Canadian citizens and permanent residents will be given priority.

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Bootcamp targets gap in radiation oncologist training

Adam Gladwish, in his third year of a radiation oncology residency at the University of Toronto’s medical school, and Kara Schnarr, in her third year of residency at McMaster University’s medical school, joined 28 other residents across the country to attend last week’s Anatomy & Radiology Contouring Bootcamp for Radiation Oncology Residents, an intensive workshop environment to learn anatomy and contouring skills from London Health Sciences Centre doctors and Schulich School of Medicine & Dentistry professors.

BY ADELA TALBOT

FOR THE PATIENT with laryngeal cancer – a cancer of the voice box – radiation therapy can be a lifeline. Alternatively, it could be the thing that takes the patient’s voice, before the disease takes their life.

This is precisely why radiation oncologists need training when it comes to contouring, a practice that outlines areas doctors must target to treat cancer, as well as healthy areas they need to avoid exposing to high doses of radiation.

Enter a recent course, hosted by members of the Western and London medical communities.

The Anatomy & Radiology Contouring Bootcamp for Radiation Oncology Residents brought together last week 30 residents from medical schools across the country, providing them with an intensive workshop environment to learn anatomy and contouring skills from London Health Sciences Centre (LHSC) doctors and Schulich School of Medicine & Dentistry professors.

“Radiation oncology has changed so much over the past 10 years that the teaching programs have not been able to keep up,” said Western Oncology professor Dr. David Palma, a radiation oncologist at LHSC’s London Regional Cancer Program.

Palma taught part of the course, and was on the committee that planned the bootcamp. Over the three days, residents worked with imaging scans as well as cadavers to master their skills.

“It used to be designed radiation; we used plain X-rays to design radiation and we’d put squares on X-rays to decide where to treat,” Palma said.

However, those days are gone. Today’s detailed high-resolution imaging with magnetic resonance imaging (MRI) and computed tomography (CT) scans offer a more detailed look at tumours and healthy tissues.

“Now, with our current ways of giving radiation, we can sculpt our radiation around all types of tumours and all types of normal tissues we want to avoid,” Palma continued.

“Tumors can be very tricky; they can have almost these tentacles, where they follow different nerves all around the body and it’s very important our residents learn to follow where those tumours go, so they can treat them.”

A survey across the country revealed radiation oncology residents would jump at the opportunity to take a course such as this. The contouring bootcamp was piloted for the past two years in London; this year was the first time it was offered to residents across the country. With 50 applicants this year, the course was capped at 30 to keep the group small, giving preference to upper-year residents who are closer to taking their exams, Palma explained.

“In radiation oncology, we spend a lot of time trying to figure out what’s normal anatomy and what’s abnormal anatomy. For the most part, we don’t get formalized teaching in that, so it’s a lot of learning as you go,” said Julianna Caon, a fifth-year resident who attended the bootcamp from the University of British Columbia.

“This was never an area where we felt very comfortable, so when given the opportunity to take this course, all of the residents in our department wanted to go. The training I got in medical school is not enough,” she continued.

“A lot of these things are so intricate, so detailed it’s not just easy to learn on your own, or have a natural aptitude for, so the specific training gives you that specific knowledge.”

Jonathan Klein, in his fourth year of residency at the University of Toronto, echoed Caon.

“You need to know what’s normal and what’s abnormal (in anatomy) to give the patient the best chance of cure,” Klein said. “If you don’t know where the tumour is, the danger is you won’t treat all the cancer. If you don’t know where it is (and you target healthy tissue), you’re going to give the patient undesirable side effects.”

Palma said the plan is to continue running the bootcamp, giving other residents the chance to work on their anatomy and contouring skills.

“In radiation oncology, we spend a lot of time trying to figure out what’s normal anatomy and what’s abnormal anatomy. For the most part, we don’t get formalized teaching in that; so it’s a lot of learning as you go.”

- Julianna Caon
The third-ranked University of Calgary Dinos held the top offense in the nation to just three points, capturing Saturday’s CIS Mitchell Bowl with a 44-3 victory over the No. 1 Western Mustangs in a national semi-final stunner at McMahon Stadium. “It’s one of those games where everything that could go wrong did go wrong,” said Mustangs head coach Greg Marshall. “It started with (Western QB) Will Finch right off the get-go … They gave it to us on special teams, they gave it to us on defense and we dropped the ball. Sometimes when things go sideways like that it’s hard to get it back on the rails. Credit to Calgary, they did a great job – a great job on special teams, they had a good offensive game plan, they threw the play action well.”