Research turns attention to family care

BY PAUL MAYNE

CANADA NEEDS TO rethink how it manages the role of formal care, as opposed to family care, for dementia patients in order to avoid caregiver burnout, one Western Nursing professor contends.

“What I’m suggesting is we need to re-conceptualize and manage family care and formal care resources a lot differently, and that part is the hardest,” said Catherine Ward-Griffin, a professor in the Arthur Labatt Family School of Nursing. “There’s always the notion we need more money to change the system, which we do, but I think what’s just as challenging is our attitude and the way we see this issue.”

Using the term ‘burnout,’ she said, tends to re-enforce the problem and, then, therefore the solution, lies only with the caregiver. That’s an unsustainable idea, she contends.

In her research, Ward-Griffin attempts to step back and ask what is going on in terms of the factors, particularly the social and political aspects that can lead to the idea of ‘caregiver burnout.’

Services and programs do exist in the community to provide much-needed support for those with dementia and their caregivers. But, she said, the thing people don’t see is there’s a long wait time to get on lists for such services – and it’s not cost free.

“For those of us in privileged positions, it can be simple. But the people who need it the most are the ones who can’t access it – be it transportation issues or job issues,” Ward-Griffin said. “We really have a very one-size-fits-all mentality. We need to think about how we provide care resources that are accessible and available in order for them to be considered adequate.

“Those with the least amount of resources are the ones most struggling with inadequate care resources. We have to challenge the current assumption that formal care is expensive and family care is inexhaustible and free, because it’s not.”

The needs of the people with dementia, and their family caregivers, are drastically compromised with this current approach, added Ward-Griffin.

“I’m not claiming caregivers are not burdened, because they are, but they’re burdened mostly because the current approach to home care or elder care tends to overuse, and I would even go as far to say rely, on family care to the point of exhaustion.

“It’s actually a very inappropriate, not only from an ethical standpoint, but even an economic standpoint.”

With funds from the Alzheimer Society Research Program, Ward-Griffin conducted interviews with caregivers, health-care providers and case managers. The bottom line? For...
**Coming Events**

**NOV. 28-DEC. 4**

**28 // THURSDAY**

**MCINTOSH GALLERY**
Scott Connaroe: By Rail Curated by James Patton and organized by the Art Gallery of Windsor. uwo.ca/Mcintos

**DON WRIGHT FACULTY OF MUSIC**
Prana. The Wind Ensemble performs works by Sousa, Bates, Cable and Nelson, as well as a world premiere by graduate composition student, Brian Topp.
12:30 p.m. Paul Davenport Theatre.

**VISITING SPEAKER IN CHEMISTRY**
1 p.m. CB 115.

**LEARNING SKILLS PRESENTATION**
Essay Exam Essentials. Sign up online sdc.uwo.ca/learning.
2:30-3:30 p.m. WSS 3134.

**MIGRATION AND ETHNIC RELATIONS COLLOQUIUM**
Philip Kelly, Geography, York University. Director, York Centre for Asian Research. When the Escalator Gets Stuck: Intergenerational Social Mobility in Canada’s Filipino Community. Refreshments, 3:30 p.m. SSC 5230. 4-5:30 p.m. SSC 5230.

**DON WRIGHT FACULTY OF MUSIC**
Britten Fest film.
7:30 p.m. Talbot College 101.

**PHYSICS & ASTRONOMY COLLOQUIUM**
Alvira Macanovic, Centre for Imaging Technology Commercialization (CIM-TEC). Translating Research into Commercial Products. 1:30 p.m. P&A, room 100.

**29 // FRIDAY**

**DON WRIGHT FACULTY OF MUSIC**
Britten in Song: The Recital. Mezzos Mezze, soprano and mezzo soprano with John Hess at the piano as part of Western’s Britten Festival. 12:30 p.m. von Kuster Hall.

**DEPARTMENT OF ANATOMY AND CELL BIOLOGY**
Marla Sokolowski, Fraser Mustard Institute for Human Development and Department of Ecology and Evolutionary Biology, University of Toronto. Gene-environment interplay: biological embedding of experience. 12:30 p.m. MSB 282.

**DON WRIGHT FACULTY OF MUSIC**
Jazz Ensemble. 12:30 p.m. Paul Davenport Theatre.

**EARTH SCIENCES COLLOQUIUM**
Mary Louise Hill, Lakehead University. Structural control on mineralization in shear-zone-hosted gold deposits. 3:30 p.m. BGS 0153.

**MEN’S HOCKEY**
Windsor at Western.
7 p.m.

**30 // SATURDAY**

**WOMEN’S BASKETBALL**
McMaster at Western.
1 p.m.

**MEN’S BASKETBALL**
McMaster at Western.
3 p.m.

**1 // SUNDAY**

**DON WRIGHT FACULTY OF MUSIC**
Benjamin Britten Gala Concert. 3 p.m. Paul Davenport Theatre.

**2 // MONDAY**

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

**HURON UNIVERSITY COLLEGE**
Founder’s Day Open House. Join us as we celebrate Huron’s 150th Anniversary. RSVP ndosser@huron.uwo.ca or 519-438-7224 ext. 310. 11:30 a.m.-1:30 p.m. The Great Hall at Huron.

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

**DON WRIGHT FACULTY OF MUSIC**
Early Music Studio. 8 p.m. von Kuster Hall.

**3 // TUESDAY**

**SENIOR ALUMNI PROGRAM**
Joseph Wisdor, Film Studies, Western. Bigger Than Life – The evolution of the Hollywood Blockbuster. 9:30 a.m. McKellar Room, UCC.

**LEARNING SKILLS PRESENTATION**
Manage Test Stress. Sign up online sdc.uwo.ca/learning.
11:30 a.m.-12:30 p.m. WSS 3130.

**4 // WEDNESDAY**

**FALL/WINTER SEMESTER CLASSES END**

**THE CHINESE PROGRAM AT HURON**
Anyone wishing to speak Chinese and meet people who study Chinese is welcome. Email hwu1@huron.uwo.ca. 10:30-11:30 a.m. A18, Huron.

**COMPARATIVE LITERATURE RESEARCH FORUM**
Janice Zehentbauer, Lewis Carroll’s Scootum: Word and Image in Wonderland. 11:30-12:30 p.m. UC 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.

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

**LEARNING SKILLS PRESENTATION**
Writing Multiple-choice Tests. Sign up online sdc.uwo.ca/learning.
4:30-5:30 p.m. WSS 3134.

**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.

**DON WRIGHT FACULTY OF MUSIC**
Star Song, Western University Singers and St. Cecilia Singers share this seasonal concert, featuring English, Spanish and French carol settings, alongside contemporary Christmas compositions. 6 p.m. von Kuster Hall.

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**Thinking of applying to Grad School? Want to Give Back To Your Community? Volunteer!**

The London and District Distress Centre is currently seeking new Volunteers to answer our 24 hour support and crisis lines. If you are interested in providing a warm, listening ear to individuals in the community who are overwhelmed, sad, scared, in crisis, OR having thoughts of suicide, call us now! 519-667-6710, or www.londondistresscentre.com

Crisis intervention training provided.
Survey: Employment picture bright for Western, Ontario grads

The average salary for university graduates in full-time employment was $49,277 two years after graduation, up from the average $42,668 earned six months after graduation. “The most certain path to a well-paying job related to your field of study is still a university education,” said Max Blouw, chair of the Council of Ontario Universities (COU) and Wilfrid Laurier University president. “No other level of education surpasses a university degree both in terms of employment rates and income.”

The survey, conducted for the Ministry of Training, Colleges and Universities by the independent firm CCI Research Inc., also concluded university graduates get jobs related to their education. Two years after graduation, more than 82 per cent reported being in employment related to their degree. That’s up from 76.4 per cent six months after leaving university.

“Ontario universities are preparing students for careers in an ever-changing workplace, and are key players in economic success as we recover from the global recession,” said Bonnie M. Patterson, COU president and CEO. “Our graduates have the critical thinking skills and adaptability employers are looking for in today’s fast-paced, technology-driven economy. They know how to learn and possess the resilience needed for the long term.”

In all, 70,845 students who graduated from undergraduate programs at Ontario universities in 2010 were surveyed between November 2012 and March 2013, with 25,583 or 36.1 per cent responding.

Read the full survey at cou.on.ca/news/media-releases/pdfs/2012gradsurvey.

- Staff Report

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### University Graduates: Higher Employment Rates

#### ONTARIO

**Average Employment Rate**

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<thead>
<tr>
<th>Field</th>
<th>6 Months After Graduation</th>
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<td>Business</td>
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### Employment Rates for Western

#### 6 Months After Graduation

- Management and Organizational Studies: 90.6%
- Arts, Soc Sci, Kinesiology, FIMS: 85.7%
- Engineering: 79.3%
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- Nursing: 92.3%
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- Education: 88.1%
- Law: 93.3%
- Medicine: 100%
- **WESTERN UNIVERSITY**: 87.2%

#### 2 Years After Graduation

- Management and Organizational Studies: 96.7%
- Arts, Soc Sci, Kinesiology, FIMS: 91.9%
- Engineering: 96.3%
- Music: 92.9%
- Nursing: 98.9%
- Science, B Med Sci, BHSc: 93.3%
- Business: 100%
- Dentistry: 100%
- Education: 93.7%
- Law: 100%
- Medicine: 100%
- **WESTERN UNIVERSITY**: 93.9%

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### Graduates of Ontario’s undergraduate university programs have higher employment rates and higher incomes than those with any other level of education, the latest provincial government survey showed.

Of 2010 undergraduates, 92.2 per cent were employed two years after graduation, up from 86.5 per cent who had jobs within six months. That number was even better for Western graduates, who boasted a 93.9 per cent.
Class promoting a Legacy through Kindness

BY NICOLA PAVIGLIANITI

HAVE YOU EVER heard of a student excited to complete a course project? What if I told you there was a class of 350 students (including myself) engaged to voluntarily complete a course project together? What if that project was assigned just weeks before final exams and not worth any grades or mark for the course?

The Butterfly Effect: A Legacy Through Kindness is such a project. It has grown wings and started to fly as part of a second-year Health Promotion class taught by Health Studies professor Jennifer Irwin. The initiative has a specific goal:

Come together, complete and chronicle as many random acts of kindness (RAKs) as possible before the fall semester ends, and along the way, engage as many others as possible.

Since the idea was proposed in class on Nov. 11, RAK submissions have been rapidly flowing in through direct email and social media outlets from people who are being touched and motivated. Not even 24 hours after the launch of a Facebook page, there were more than 260 official ‘likes’ and many more individuals had viewed posts on the page.

The project idea was rooted by professor Irwin during a lecture, when she described a grocery shopping experience where she had passed a produce bag to the person waiting behind her before grabbing her own. The reaction of pure happiness and gratefulness she received made her day. It inspired her to share the story with the entire class and develop into a challenge to make small, simple acts of kindness a part of every day life.

It seems there is a need for everyone to become more aware that one simple act of selflessness can spread and make all the difference.

The idea didn’t take long to get off the ground. Immediately, there was a sense of eagerness and agreement to participate in the project as a class. What can I do? Where can this go? Students of all different talents and skills voluntarily came together to collaborate and contribute. Project name ideas were submitted and voted on collectively. Twitter and Facebook accounts were launched and the Health Sciences Students’ Council was contacted to help promote the initiative. A few students even assisted the not-so-technology-advanced professor sign up for a Twitter account by sending her detailed instructions.

What should have been a typical required second-year course – you should see how dry the textbook is – has fostered a new sense of joy in learning and becoming something special.

Creativity, self-discovery and appreciation are the purpose of education and attending university but these skills are impossible to measure through marks and exams. The ‘butterfly effect’ has reinforced again what really matters in the classroom and has opened our eyes to the potential and uniqueness of every person and situation.

It is initiatives like this that bring university to life and are the reason students choose to come to Western – I know it is why I did.

I have never been more excited to attend a lecture or been more engaged and interested in the material. I feel more connected with my classmates; we share a special sense of pride working together on something meaningful with potential. It is touching witnessing how one act of kindness in the project motivates another act of kindness and how more and more people are stepping up to be part of it.

This project demonstrates the importance of community and emphasizes just how big an impact a class can have when they unite. The students who contributed the name for the project stated it well:

“Since our random acts of kindness resonate in the actions of those whom we influence, we are generating our own gust of wind. Through enough subsequent actions, our kindness can affect thousands. Anyone who recognizes the importance of our actions may choose to carry out their own random acts and in continuation of more and more along the way.”

All it takes is simple a selfless moment to make all the difference. Join us.

What is your next random act of kindness?

Nicola Paviglianiti is a second-year Health Sciences student.

GET INVOLVED

Perform your own random act of kindness today, and then submit it to The Butterfly Effect: A Legacy Through Kindness project via an email to joannie@uwo.ca, post on The Butterfly Effect UWO Facebook page or via twitter #2250RAK.

I made sure to say a friendly ‘good morning’ to every person I passed on my run this morning. The smiles and responses I got back were priceless.

Today, I tipped the people in the parking booth so they could go buy a coffee. I can’t imagine people who are collecting $7 for parking receive too many happy customers.

Someone in Taylor Library forgot their printer card yesterday; so I let them borrow mine.

Today, I saw my roommate working away at a table in the UCC. So I surprised her with a Starbucks and joined her.
Thanks a million

Western’s New Visual Identity
by Western University
73,196 views  1 year ago
11,913 minutes watched

HIV/AIDS vaccine developed at Western...
by Western University
72,196 views  1 year ago
8,847 minutes watched

Selwyn Fireball (Orangeville Camera)
by Western University
67,746 views  1 year ago
265 minutes watched

Evaluating Sources
by Western University
22,286 views  1 year ago
29,792 minutes watched

Dr. Michael Fehlings - J. Allyn Taylor International Program
by Western University
18,973 views  1 year ago
791,268 minutes watched

Western welcomes you back to Homecoming...
by Western University
17,892 views  3 years ago
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NASA telescope finds elusive buckyballs.mov
by Western University
16,504 views  3 years ago
798 minutes watched

Understanding Dyscalculia at Western
by Western University
16,348 views  4 years ago
6,516 minutes watched

Welcome to Western
by Western University
15,900 views  4 years ago
5,782 minutes watched

LAST WEEK, WESTERN surpassed 1 million views on its YouTube channel. More than 2,100 subscribers and other visitors have watched more than 900 different videos in the collection. Here are Western’s top videos of all time.
Western News | November 28, 2013

FROM MEDIA PLANNING AND MANAGEMENT TO ACCOUNT COORDINATION AND SALES, THIS PROGRAM OFFERS THE UNIQUE SKILLS YOU WILL NEED TO LAUNCH YOUR CAREER AS ACCOUNT COORDINATOR, MEDIA SALES REPRESENTATIVE, MEDIA BUYER, MEDIA PLANNER, AND MANY OTHER EXCITING CAREER OPTIONS.

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Western Film
McKellar Theatre
RM 210 UCC
519-661-3616

$4.99 Adults Children, Seniors and Tuesdays $3.50

Nov. 29-Dec. 5, 2013

THE WOLVERINE
Rated PG 7:00 (136 min.)

MACHETE KILLS
Rated 14A 9:30 (117 min.)

Friday MIDNIGHT movie - Nov. 29
THE ROOM

Saying thanks to our ‘yogurt mamas’

Janice Deakin, Western provost and vice-president (academic), left, presents a Western Heads East’s ‘yoghurt mama’ – one of 60 in 10 kitchens throughout Mwanza, Tanzania – with an apron bearing the university’s crest. Deakin and Julie McMullin, vice-provost (International), visited the Tukumuane Women’s Group in Mwanza recently to extend the university’s appreciation for their hard work to grow the social enterprises which addresses poverty and empowers women in their communities.

WESTERN NEWS
His Paradise found
John Leonard’s exploration of the Milton masterpiece drawing rave reviews // Page 8
John Leonard’s exploration of the Milton masterpiece drawing rave reviews

JOHN LEONARD, a Western English professor and renowned John Milton scholar, recently published Faithful Labourers: A Recent History of Paradise Lost, a two-volume work dealing with centuries of Milton scholarship. It has been praised for its attention to detail and fairness, for its contributions to astronomical thought in Milton’s time and has been called “one of the most sustainedly informative and carefully pondered single-authored academic books on Milton’s Paradise Lost ever to have been published.”

Western News reporter Adela Talbot recently spoke to Leonard about his most recent publication.

This is an extensive work, covering almost 1,000 pages. ‘Talk a bit about the process of writing this.’

It’s taken me 14 years; I started this in 1998. It was initially not going to be a book with the Oxford University Press; it was going to be for something called the Milton Variorum Project. The Milton Variorum Project is mostly a line-by-line commentary on Milton’s poems, but the one thing that’s been missing for years is a volume on the commentary on Paradise Lost.

The problem is that it is such a huge project, the two people doing it before me died on the job. They made the mistake in the past of giving the job to senior scholars who didn’t live to complete it. They’ve died, or were exhausted on the job, and gave up. I actually finished the project, but the big interruption I had was the big (financial) crash in 2008. The Milton Variorum project into difficult and then I don’t know why they were going to be able to publish a book of this length and it looked as if they were going to abandon the whole project. When it looked like they were going to cut me off after 12 years of work, I jumped ship to Oxford.

So, how then, has the discussion evolved? ‘I know you discuss Milton’s vision of universe, one critic has assumed for years to have the Earth at the centre. Maybe you could comment more on that specifically.’

There are lots of discussions about that poem. And I’ve devoted one chapter to each of the major discussions. Each has its own history. I think Milton’s universe has a particularly interesting one because I’ve come to believe that he’s the first to get it wrong for the last 260 years, simply because they failed to get a joke. The evidence Milton uses for the Ptolemaic system of solid spheres rests on three lines in a poem of 10,965 lines and those three lines are a joke. (There) Milton is describing a universe that is imagined to exist by people who end up in the paradise falls. Once you realize that, you realize this is not a blueprint for the poem’s universe at all. And yet, since the middle of the 19th Century, critics have gone to extraordinary lengths to try to make the poem fit those three lines. Once you realize that Milton’s joking, and you get the joke, it becomes simply astonishing what has happened.

Why do you think people failed to get the joke for so long?

The first person to fail to get the joke was a very important editor—and a very good editor—in the middle of the 18th Century. His note gets repeated for the next 100 years. His name is Thomas Newton. He didn’t try to make the rest of the poem fit those three lines. He just has a note on the three lines in which he misses the joke. Because it’s such an important edition that gets reprinted again and again, and because the editor is usually so reliable, he gets trusted. As soon as you drop those three lines, the rest of the poem’s pronouncements on the universe leap free. There is the case Milton does keep an open mind about geocentrism. There are places in the poem where Milton does hedge his bets and write respectfully about the possibilities of geocentrism but what he is referring to is not the old Ptolemaic system but rather Tycho Brahe system.

English professor Michael Groden gave a lecture on Ulysses when I was an undergrad in which he talked about having worked on the text, and having taught it for so long, it became a presence in his life so much so that there were two Mollys at his dinner table. ‘You’re a renowned editor. How has your work played a role in your own personal life? Are there two Johns in your life?’

Oh yes. I read Paradise Lost when I was 19, instantly fell in love with it, and have lived with it ever since. I’m sure it will be a lifelong partnership. But I have two lifelong partnerships, one with Milton, one with my wife. We’ve been married for 30 years and my wife has never read Paradise Lost. She married me only on the condition that she’d never have to. She did once concede to let me read it to her.

Did you read it to her?

I did, yes. There’s a rumour around, that’s not true, that I know the whole poem by heart. In fact, I don’t. I can quote a lot from memory but not the whole poem.

Why study Milton today? ‘What do you gain, taking a Milton course?’

For many people, he matters because he is a poet of freedom. The difficulty there is his notions of freedom are different than ours and he doesn’t always live up to them. I think Milton matters because the idea of a paradise lost, the idea of the gap between what societies or human life should be like, and what they actually are, is always with us. I think much of the great literature addresses that. Why is it that good intentions turn out so badly so often? That’s a perennial problem that all human beings face. And I think Milton addresses it more eloquently and powerfully and movingly than any other non-dramatic poet in English.

I often hear students say they expected Milton to be relevant and boring and distant from their own lives and what they think is actual he is actually very relevant in ways both expected and unexpected—because of issues like freedom and justice between the sexes, questions about religion. Atheism is a big topic these days. Many things Milton thought were granted are no longer taken for granted and I think that’s a good thing. Students of all beliefs find Paradise Lost a work that is relevant to them. It’s one of the great works of science fiction, one of the great works of evangelistic literature to describe space travel in a compelling way.

Anything else you want to touch on?

You’ve not asked me whether I’m a person of faith, did you?

Believe me, I am not really the kind of person to ask that sort of question.

I mean, my answer would be a wishy-washy cop out—that I’m a wishy-washy agnostic. I don’t believe in the literal truth of the Genesis story—I don’t believe the earth is 6,000 years old. I think we’ve moved beyond that.

One of the things that makes Paradise Lost so great is enduring questions like that. When Satan rebels, some of the arguments he uses are uncannily like Darwin. When he denied he was created, he comes up with the alternative hypothesis that matter just becomes aware of itself. There are classical references to that as well. You can find examples in Lucretius and philosophers but Satan sounds very much like Darwin and it may not be coincidence that Milton was Darwin’s favourite poet. When Darwin went for a tour of the Galapagos Islands, Paradise Lost was the one book he took with him.

I don’t know whether it’s because of Satan being a good Darwinian or some nostalgia for the world picture he was dislodging, but either way, Paradise Lost speaks across boundaries and predictable limits, and that’s one of the great things about it, I think.
Department of English and Writing Studies professor Steven Bruhm has explored the notion of the ‘counterfeit child’ in literature and film, where the little ones are not as innocent as they seem.

‘Counterfeit’ child shows more than meets the eye

BY ADELA TALBOT

KIDS AREN'T AS innocent as they seem, says Steven Bruhm.

Bruhm, a professor in the Department of English and Writing Studies, recently published The Counterfeit Child in a special issue of English Studies in Canada titled Childhood and Its Discontents, edited by Nat Hurley, ESC 38.3-4 (2013): 25-44. The paper deals with the image of the child in horror films and literature, implicating the child is often a terrifying not-so-innocent figure in these works.

So, what is the ‘counterfeit child’ for Bruhm? What makes it so terrifying – and so fascinating?

“Children's literature is full of representations of children who aren't ‘real’ children, children who are fakes, counterfeits, frauds of some sort. In our contemporary culture, where the child has such an angelic status in many ways, we invest so much in our children,” said Bruhm, who once taught children's literature, but focuses on Gothic literature.

“I've become interested in the ways in which this fake, this fraud, has come to underpin this (innocent) child in so many movies and novels.”

The counterfeit child he deals with in film and literature is a stand-in, a changeling child, a fake, a fraud, an adopted child or orphan in books and movies – any child a parent did not expect to raise, Bruhm explained. The ‘counterfeit child’ is the notion children are not as innocent as they seem, and they, in fact, know more about the world than adults perceive them to.

“It can be a child you think is a human child, but turns out to be the spawn of Satan, or a child figure who turns out to be an older human being, an adult in disguise. There are all kinds of stories.”

In his recently published paper, Bruhm argues cultural expectations of children are disastrous and the consequence of these unrealistic expectations ultimately proves deadly.

“We are in a cultural moment where we are putting an impossible demand, making impossible expectations of our children. We want them to be special angels, but we also want them to be fully knowing, fully articulate, fully grown up at the same time,” Bruhm explained.

But that knowingness in children is ultimately horrifying to us, he added. In literature, it proves the counterfeit child’s ability to manipulate, to carry out evil acts, and in movies and literature, that must be killed off.

“These children, these figures always meet their end, either by being killed or they are rendered like Regan in The Exorcist, with amnesia,” he said.

“What we want now of the child is total success, knowingness, worldliness, but when we get what we want, it’s terrifying because it’s way beyond our control and beyond the natural order of parents and children, of experience and innocence.”

“It can be a child you think is a human child, but turns out to be the spawn of Satan, or a child figure who turns out to be an older human being, an adult in disguise. There are all kinds of stories.”

- Steven Bruhm
Emerson’s An Enlightened Duke honoured with top Scottish history prize

Emerson’s book, An Enlightened Duke: The Life of Archibald Campbell (1682-1761), Earl of Ilay and 3rd Duke of Argyll (Humming Earth Press, Glasgow, 2013), is the first biography to be written on one of the great 18th century British politicians, a man neglected because of the disappearance of his personal papers. Over many years, Emerson has collected materials to paint a picture of a very private, but important man. “This is not only the biography of a man, albeit the most important man in the country, it is also the biography of a nation as Scotland was integrated – with Argyll at the forefront – into the new United Kingdom,” said University of Dundee professor Chris Whatley, convener of the History Book of the Year. Argyll is usually remembered as a patronage politician who ran Scottish affairs for ministries in London from 1725-42, and again from 1747-61. His patronage changed the nature of Scottish universities, Kirk, and administration, and pushed forward the Scottish Enlightenment (1700-1820) for which Scotland is now known because of the contributions of men like Francis Hutcheson, William Cullen, Adam Smith, Joseph Black, Lord Kames and William Robertson – all of whom got patronage from him.

In addition, Argyll was the founder and first Governor of the Royal Bank of Scotland, first Governor of the British Linen Bank, the originator of the first Scottish development agency, The Board of Trustees for the Fisheries and Manufactures and a notable improver of estates in Scotland and in England. On the latter, he maintained as good a botanical garden as the country had, a precursor of Kew Gardens to which some of his plants went after his death. In his gardens, he acclimatized 24 new species of plants to the British climate and introduced other plants which changed British gardens and the landscape by introducing more colour and more evergreens.

As an amateur scientist, he collected and used astronomical instruments and chemical apparatus. Indeed, he became something of a universal man who functioned as a skilled lawyer and made medicines for his servants. He put together a remarkable library and was a patron of notable architects and painters. Emerson’s book restores him to the place in British and Scottish history, which he merits. - Staff Report
New species welcomed into professor’s family

Part-time Biology professor Nina Zitani now has a perfect half-dozen when it comes to new insect species named in her honour – the latest being Heterospilus zitaniae, a wasp discovered in the rain forests of Costa Rica.

BY PAUL MAYNE

YOU COULD SAY Nina Zitani has a blended family – two wonderful boys and six insects.

The part-time Biology professor’s latest addition to the family is named Heterospilus zitaniae, a new wasp species discovered in the rain forests of Costa Rica by Paul Marsh, a retired researcher from the United States Department of Agriculture.

“I tell my students it’s a perk of the job,” Zitani said. “Once you become a taxonomist, and you’ve discovered and named new species yourself, your superiors name species after you. It’s a way of saying you have done good work and put in the time.

“It’s an honorary taxonomist do for each other.”

Growing up in Moorestown, N.J., Zitani earned a master of science and doctorate in systematic entomology from the University of Wyoming in Laramie. During her time out west, she led two expeditions to Costa Rica where she spent weeks searching for new insect species, being involved in the collection of six new species.

In damp conditions, surrounded by a variety of spiders and venomous snakes and hauling car batteries every night to power the light trap, it was the perfect outing for Zitani.

“When I started my graduate work, this is what it was all about,” she said. “My supervisor would ask if you want to go to the rain forest and look for new species and, without hesitation, I said yes."

But really, how many new species of insects could there still be out there? They’ve all been discovered by now, haven’t they?

“Oh god, no,” Zitani said. “There are about 1.7 million described species of all organisms worldwide – bacteria, fungi, plants, animals and everything else. The estimate of the total number still undiscovered, which is always difficult to estimate since the universe is so huge, and just looking at terrestrial arthropods, which what insects belong to, right now the consensus is around 8 million.”

More recently, Zitani returned to the University of Wyoming where she helped teach a tropical diversity field course in Ecuador. Her former graduate school supervisor, Scott Shaw, was teaching and doing research at the same location.

She had discovered a new genus the year before and told Zitani to keep an eye out for any wasps.

“I had a break one morning and was up the side of the mountain and was simply walking along a trail and I found these wasps, and with the naked eye it’s hard, but I knew they looked like the wasps Scott was looking for,” she said. “I collected them and gave them to him. Later that night, I was just about to head to bed, when he burst in and gave me this big hug. ‘You found them,’ he said.”

It’s a bit of advice Zitani gives her students today.

“When I always teach my students, and when I take them in the field, is you have to stop and smell the roses,” she said. “You have to slow down, look and observe; use your eyes. A lot of students want to quickly hike up the mountain, but along the way you may be missing a lot of stuff.

“There is so much to see.”

And once they see, and trap the insects, the monotonous work begins: cataloguing its colour, measuring the body length, head, thorax, abdomen, wings, temple, eyes, legs and more. In total, she’ll look at close to 100 variations on an insect no bigger than 3mm.

“You will get thousands of insects and then you have to sort through them,” Zitani said. “It’s incredibly tedious. But you’re trying to learn about their biology and ecology. The idea is to – literally – live in the forest and learn as much as you can and find out as much as you can. We know so little.

Every spring, Zitani gets the urge to head back to some remote rain forest to hunt down more insects – hopefully sooner than later, because she and her husband, Western biology professor Greg Thom, have put together a proposal for a field course in Ecuador.

“I never have a problem to find students willing to go,” she said. “You look for people who naturally have it in them; they’re out there. I love the rain forest and love teaching this.”

"You have to slow down, look and observe; use your eyes. A lot of students want to quickly hike up the mountain, but along the way you may be missing a lot of stuff."

- Nina Zitani
The Book Store at Western

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Knee surgery success may hinge on ALL attention

BY PAUL MAYNE

WHILE ANTERIOR CRUCIATE ligament (ACL) reconstruction surgery is a widely proven procedure, a Western orthopaedic surgeon says re-injury rates in young patients after such procedures are unacceptably high for those returning to pivoting sports like basketball, volleyball and soccer.

“Seeing your patients get back to the top level of their sport, which right now is at about 60 per cent of those with ACL injuries getting back to pre-injury level, we’d like to get that up to 90 per cent if we could, and that’s what’s exciting,” said Dr. Al Getgood, a Schulich School of Medicine & Dentistry professor and Fowler Kennedy Sport Medicine Clinic orthopaedic surgeon, specializing in disorders of the knee and shoulder.

In an attempt to address this concern, there has been renewed interest in the anterolateral ligament (ALL) of the knee, recently focused on by orthopaedic surgeons Drs. Steven Claes and Johan Bellemans of University Hospitals Leuven in Belgium, with whom Getgood is collaborating.

Only recently, Getgood said, has the function of the ALL – and its role in ACL injuries and reconstruction – been clarified. Along with colleagues at Western’s Interdisciplinary Development Initiative in Bone & Joint Health, Getgood is trying to further understand the function of the ALL.

While ACL reconstruction is pretty much the ‘go-to’ procedure in dealing with knee injuries, addressing the ALL and its role could further to reduce the occurrence of re-injury. Right now, Getgood said such injuries come with a 20 per cent chance of re-injury following surgery in the younger age group (under 20 years old).

“If we can drop that down to 10 per cent, it would be wonderful,” he said. “The thing is, it’s really easy to think we do a good job until you critically look the literature.”

A recent paper published in the Journal of Anatomy by Claes and Bellemans is the first to study the origin and structure of the ALL. While ALL reconstruction is being performed in Belgium and France, a fuller understanding of the ligament is needed.

Getgood has had patients he worried may have a higher risk of re-injuring the knee. So, while performing a standard ACL reconstruction, an extra-articular procedure was done at the same time.

“My research group at Fowler Kennedy and Western has been working on further dissection and histological analysis of the ligament as well as performing MRI (magnetic resonance imaging) and micro CT (computed tomography) in collaboration with the Robarts Research Institute to better characterize the tissue,” he said. “Furthermore, our future biomechanical studies will tell us the best way to reconstruct the ligament.”

In the New Year, Getgood is leading a multicentre randomized study through a $200,000 grant award from the International Society of Arthroscopy, Knee Surgery and Orthopaedic Sports Medicine and the Orthopaedic Research and Education Foundation. The study will involve six centres in Canada and Europe, with Fowler Kennedy as the lead centre, studying whether or not the addition of an ALL reconstruction to standard ACL reconstruction will help to reduce graft failure after ACL surgery.

“So much of what we do is based on experience,” Getgood said. “So, for the patients who I do my extra-articular on, I feel the knee is a lot more stable than those who aren’t done. But that’s a completely biased opinion because I’m a proponent of this particular procedure.”

Schulich School of Medicine & Dentistry professor Dr. Al Getgood, a Fowler Kennedy Sport Medicine Clinic orthopaedic surgeon, is exploring a possible role of the anterolateral ligament (ALL) in anterior cruciate ligament (ACL) reconstruction surgery.

Getgood hopes the study will shed light on the pros and cons of this procedure. He understands it could show no clinical benefit and doctors are simply putting patients through more surgery and potential complications than necessary.

But, he admits, this could also lead to massive changes in the way surgeons think about ACL reconstruction.

“Reconstructing the anterolateral ligament could – theoretically – produce improved outcomes following surgery and reduce failures,” Getgood said. “It is the hope this new procedure will help reduce failure rates and improve the function and quality of life of so many of the young active people that we see with this injury.”

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Miscellaneous
Christmas Bazaar and Silent Auction Saturday, Dec. 7 - St. Luke's (Broughdale) ACW, 1204 Richmond St. N. at Bernard Ave., annual Old Fashioned Christmas Bazaar & Silent Auction between 12:30 p.m. A chili lunch will be available for purchase. Tea room, Jewellery, treasure table, books, preserves, marmalade and Christmas baking plus many other items. Enter off Bernard. Parking on Mayfair, Mushroom and Raymond. Free admission. We are wheelchair accessible.

Student Central In-Person Hours
9 a.m. - 4 p.m. Monday, Tuesday, Thursday and Friday. 10 a.m. - 5 p.m. Wednesday.

Student Central Helpline Hours
519-661-2100 9 a.m. - 4 p.m. Monday to Friday.

Mid-Year Examinations
The mid-year examination period is Dec. 8-19. The final examination schedule is now available at studentservices.uwo.ca/secure/Exams.

Apply to Graduate
Online application is now open for the February 2014 in Absentia convocation. The deadline for undergraduate students to apply is Jan. 22. Online application for the June 2014 Convocation opens in Feb. and closes on March 15. There is no ceremony for Feb. and all graduate names will appear in the June convocation program. Tickets for the June convocation will be released starting the end of May.

French Language Bursary Program in Quebec
Are you looking for a spring or summer program to learn French and earn a Western credit? Do you want to discover another region of Canada and meet new people? Go explore at Western’s Trips! (Pistoles French Immersion School. Application deadline is Feb. 28 at myexplore.ca.)

Psychological Services Groups
Offering a variety of multi-week groups on topics including: Managing Anxiety and Stress, Distress Tolerance, Mindfulness Meditation, Emotion Regulation, Healthy Communication and Social Anxiety. Also offering an International Student Group, an International Women’s Group, a Graduate Student Writing and Support Group and Mindfulness Meditation Drop-In Sessions. Register at psc.uwo.ca/psych.

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.
*All these deadlines occur 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 and Dec. 7: Study Day December 8-19 Mid-Year examination period.
*Applications and supporting documentation, plus fee information, please visit us on the web at studentservices.uwo.ca and follow us on Twitter @Western_UWO.

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Campus Digest

BOG OK’s pair of labour agreements

WESTERN’S BOARD OF Governors ratified agreements with the Public Service Alliance of Canada (PSAC), Local 611 and the Canadian Union of Public Employees (CUPE), Local 2361. PSAC Local 611, representing 27 postdoctoral associates, ratified its three-year agreement on Nov. 18 after two days of negotiations. As part of their agreement, members will receive salary increases of 1.25 per cent in year one, 1.25 per cent in year two and three. This agreement will end September 2016.

CUPE Local 2361, representing approximately 344 employees engaged in the maintenance and service of buildings and grounds at Western, ratified its four-year agreement on Nov. 13 after four days of negotiations. As part of their agreement, members will receive salary increases of 1.5 per cent in year one, 1.25 per cent in year two, and 1 per cent in years three and four. This agreement will end in June 2017.

NEWS AND NOTES

- Western announced last week the new Advisory Board for the Kraemerhofer Project Centre (KPC) for Composites Research at Western. Charter members of the advisory board include game-changing leaders from the fields of chemical and materials engineering, as well as visionary thinkers from the automotive and machinery sectors. The inaugural KPC @ Western Advisory Board includes: Greg Bowland, Global LFT Technical Leader and Senior Research Associate, PPG Fiber Glass; Michael Connolly, product manager, Urethane Composites, Global Business Development Team, Huntsman; Justin Gammage, chief scientist, General Motors of Canada Ltd.; Klaus Gleisch, senior research associate and manager, Sizing Technology Group, Corporate R&D Technical Center, Johns Manville; Mathias Graf, technical director of the Business Unit Forming, Dieffenbacher GMBH Maschinen- und Anlagennbau Germany; and John Paul Mead, vice-president, Reaction Process Machinery, Krauss Maffeif Corporation.

- The board will provide invaluable insight and resources to influence and further enhance the KPC @ Western leadership team, which includes managing director Frank Henning, deputy director Andrew Hymak and manager of operations Tobias Potyra.

- “I truly believe that we have assembled an advisory board second-to-none to support KPC @ Western as we embark on what I hope will be a long and prosperous research-driven venture here in London, Ontario,” said Hymak, who serves as dean of Western’s Faculty of Engineering.

- Imagine picking up a $500 gift certificate for Via Rail, a one-night stay at the Intercontinental Hotel in Toronto, throw in a couple of Leafs tickets and you have the makings of a great weekend. The best part is you can bid on each of these items in Western’s Online United Way Auction. The auction runs until 4 p.m. Dec. 3, so check out the great deals on the auction page, http://vs-demo-4-com.sun252.com/catalog.aspx.

- Greg Picken and Matthew Hoy aren’t just playing around. Founded by Hoy, Western’s senior web designer, and Picken, communications manager for TechAlliance in Western’s Discovery Park, ProjectPlay was named the winner of the 2013 Pillar Community Innovation Award - Innovation Category at a gala last week. Their “fan community” event provides play opportunities to children and families being supported by local organizations. ProjectPlay was one of two Western-connected organizations nominated for the award; the other was Oral Health, Total Health’s Sharing Smiles Day.

- Postdoctoral fellows from across campus will take centre stage at the third annual Postdoctoral Research Forum, today, in the Great Hall. The event was created by the School of Graduate and Postdoctoral Studies, to foster scientific interaction, interdepartmental collaboration and garner greater exposure and recognition for the postdoctoral scholars’ invaluable work.

- One of the highlights of the day is the 3 Minute Research Competition, a research communication exercise where postdoctoral scholars have three minutes or less to present their work and its impact to a diverse group of audience members.

- The 3 Minute Research Competition is scheduled for 2-5 p.m.

- Western Mustangs linebacker Pawel Kruba was named the Canadian Interuniversity Sport (CIS) football defensive player of the year at the Sun Life Financial All-Canadian Banquet last week. Two other Mustangs were nominated for major awards including Will Finch for the Hec Crighton Trophy and head coach Greg Marshall for the Frank Tindall Trophy. Both awards were won by members of the Bishop’s Gaiters with Jordan Heath claiming the Crighton and Kevin Mackey taking the Tindall.

Along with defensive player of the year honours, Kruba was also named a CIS first team all-Canadian as were teammates Brian Marshall, George Johnson and Beau Landry. Four other Mustangs earned spots on the second team including Finch, Daryl Waad, Dylan Answorth and Lim Hajasalluh. Western’s eight all-Canadians are the most of any CIS team this season, with Leal having seven and Calgary having six players named.

Kruba, a Windsor native, became the third Western player to receive the Presidents’ Trophy, joining Derek Krete (1996) and Brent Lewis (1987).

- Legendary Western Mustangs head coach Larry Haylor has been named among the 2014 Induction Class to the Canadian Football Hall of Fame. The former Mustangs bench boss will be enshrined in the Builders Category.

- Haylor started coaching at the university level with the Saskatchewan Huskies. In 1988, he took over as head coach of the Mustangs, guiding the program until his retirement in 2006. During his career, he was selected as the OUA coach of the year seven times and the CIS Coach of the Year twice in 1990 and 1998. He led the Mustangs to the Yates Cup championship eight times, winning the Vanier Cup twice in 1989 and 1994.

Among the best of the best

Gitta Kulczycki, Western vice-president (resources and operations), right, officially received Western’s Top 100 Employers designation from Richard Yerema, managing editor of the Canada’s Top 100 Employers project, at reception honouring winners, Nov. 13-14, at the Hilton Hotel in downtown Toronto. For the first time in the competition’s history, Western counts itself among Canada’s Top 100 Employers. Now entering its 14th year, the Canada’s Top 100 Employers project is a national competition to determine which employers lead their industries in offering exceptional workplaces for their employees.

SPECIAL TO WESTERN NEWS

Gitta Kulczycki, Western vice-president (resources and operations), right, officially received Western’s Top 100 Employers designation from Richard Yerema, managing editor of the Canada’s Top 100 Employers project, at reception honouring winners, Nov. 13-14, at the Hilton Hotel in downtown Toronto. For the first time in the competition’s history, Western counts itself among Canada’s Top 100 Employers. Now entering its 14th year, the Canada’s Top 100 Employers project is a national competition to determine which employers lead their industries in offering exceptional workplaces for their employees.

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Matthew Baker and Isaac Naizghi, Grade 7 student at John DeArness Public School, test out a LEGO robot their school team, the Robo Dolphins, built for the 2013 FIRST LEGO League Challenge. Western Engineering FIRST Robotics Mentorship Club hosted the event last weekend at Althouse College. The FIRST LEGO League is an international program that introduces students in Grade 4-8 to real-world engineering challenges by building LEGO-based robots to complete tasks on a thematic playing surface. “When I was in second-year and third-year engineering, we had to do that kind of stuff from breadboards, wiring it all up and writing all the code. Here, it’s a visual language, it’s relatively easy to use and you can just program a robot, stitch it all together and do something like this. We used to spend a whole year at the university level to do something like this – they’re doing it in grade five,” said Larry Breakwell, Robo Dolphins’ coach and trained engineer.