



UNIVERSITY OF
TORONTO
SCARBOROUGH



RESEARCH & INNOVATION



U of T SCARBOROUGH



RESEARCH & INNOVATION



U of T SCARBOROUGH



CONTENTS

MESSAGE FROM THE VICE-PRINCIPAL, RESEARCH	2
OUR STORIES	4
RESEARCH FUNDING, 2015–2016	20
SELECT PUBLISHED WORKS, 2015–2016	34

MESSAGE FROM THE VICE-PRINCIPAL, RESEARCH



RESEARCH AND INNOVATION ARE FRONT AND CENTRE AT THE UNIVERSITY OF TORONTO SCARBOROUGH.

From its early beginnings, this campus, as an integral part of the University of Toronto, has inspired and educated students to become problem solvers of tomorrow. Together with our world-class faculty, we offer breadth and depth, spanning a wide spectrum of disciplines, with a commitment to excellence. Our academic community of scholars creates an environment that brings together our students with leading humanists, social scientists, artists and scientists to challenge ideas and focus on problems that matter.

Our outstanding research environment is deeply embedded in the university's long history. And we are on a path to continue to provide and further enhance the strength of our research enterprise by hiring the best faculty, admitting top students at all levels, providing innovative academic programs and educating the scientific minds of tomorrow.

The quality of our students is critically linked to the quality of our research. At U of T Scarborough, our faculty consists of thought leaders who are recognized for excellence in their fields. And we are committed to students getting research experience as early as possible. Our Research Catalogue provides undergraduate students access to an amazing database of research opportunities and integrates them into the research enterprise of our institution.



As part of our commitment to bringing innovation to life, The Hub provides an innovation space where students from across the disciplines can explore ideas and launch successful businesses – and become part of the wider experience that University of Toronto Entrepreneurship offers.

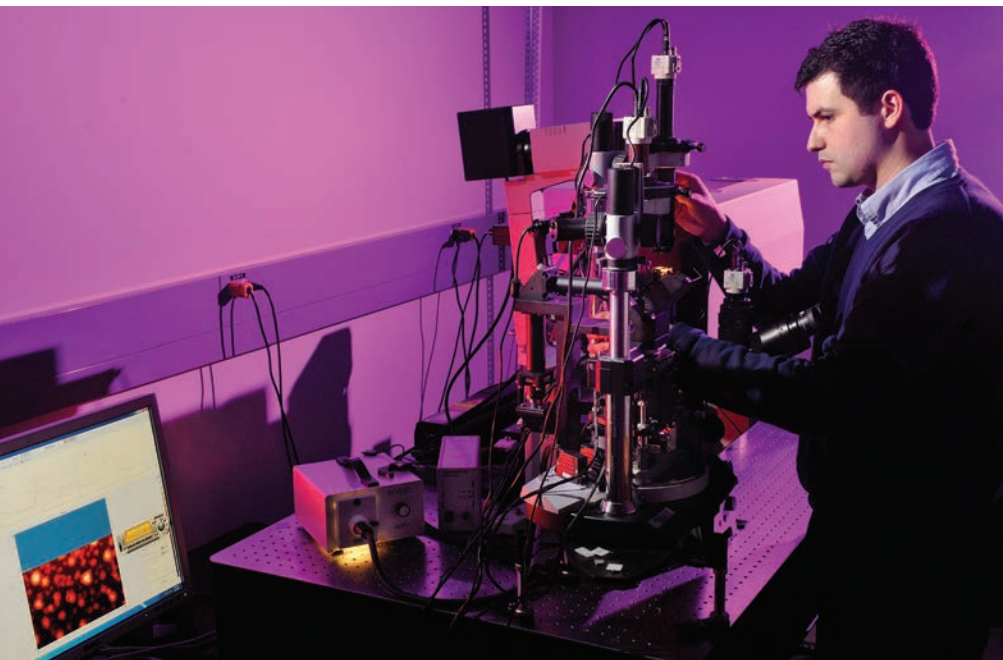
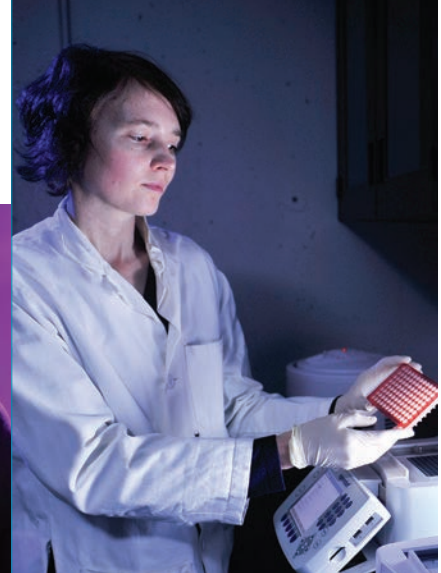
At U of T Scarborough, our vision is simultaneously local and global. Our collective promise to our students, our community, our city, the eastern Greater Toronto Area and indeed the world is to deepen knowledge and uncover innovations that push the frontiers of human conditions.

But our collective responsibility is not just to educate the minds of tomorrow. Through our research and teaching, we tackle climate change, poverty, health and other societal issues that challenge humanity right now.

In these pages, you'll discover just a small fraction of the exciting work we're doing to tackle these issues here at Canada's leading university.



H. Bernie Kraatz, PhD
Professor and Vice-Principal, Research



OUR STORIES



OUR STORIES

As part of Canada's pre-eminent research university, U of T Scarborough hosts strong graduate programs and highly regarded research centres – and has a history of bringing intellectual resources to bear on issues of public concern.





WINNERS OF THE UNDERGRADUATE RESEARCH POSTER FORUM

(Sponsored by the Library and the Office of the Vice-Principal, Research)

1st – Srivathsan Morkonda Gnanasekaran:
“Migration of Moonlets in Saturn’s Rings”

2nd – Tania Mahendiran: “Investigating Interactions
Between Mood & Global & Local Scene”

3rd – Kevin Ng: “Urban Hydrology of the Mimico Creek Watershed”

WHAT CAN HUMMINGBIRDS TELL US ABOUT METABOLISM?

Professor Ken Welch is leading a research team to explore the metabolic functioning of hummingbirds.

Welch, a biologist at U of T Scarborough, says the birds “operate at the extremes of physical and metabolic performance. To fuel their high-energy hovering flight, they can break down ingested sugars at rates 55 times that of non-flying mammals. Even more impressively,” he adds, “they can directly fuel their intense exercise completely with fructose” – something no other vertebrate can do.

“Hummingbirds are also insulin-insensitive,” says Welch. This means the classic regulatory mechanisms at work in other vertebrate groups, including humans, do not function in the hummingbird.

But much is still unknown about this impressive bird’s adaptations in enzyme function and regulation.

Welch’s team is international – including researchers from Johns Hopkins University and Spain’s Center for Cooperative Research in Biosciences – and also interdisciplinary. Researchers with expertise in molecular biology, genomics, molecular biophysics and physiology will study hummingbird metabolic performance from the molecular level all the way up to the bird itself.

The ultimate hope is to better understand the mechanisms that underlie the diversity of metabolic physiology in animals – and maybe, says Welch, to find insights into human metabolic physiology and disease as well.

The project is funded by a grant from the Human Frontier Science Program.



WINNERS OF THE INAUGURAL U OF T SCARBOROUGH UNDERGRADUATE RESEARCH PRIZE

(Sponsored by the Library and the Office of the Vice-Principal, Research)

Nishita Agrawal, Management: “When Too Many or Too Few Steve Jobs Can Be Detrimental: Optimal Levels of Entrepreneurship and Growth”

Cherrie (Yan Ning) Kwok, Psychology: “The Effect of Destination Ambiguity on the Perception of Travel Time”

Swara Shah, Biological Sciences: “Comparative Ontogeny of Feeding Performance in Durophagous Stingrays”

78,812

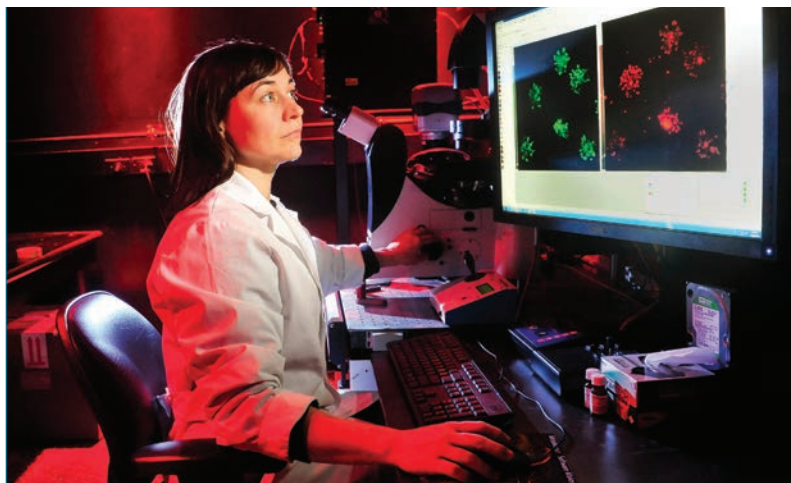
AV MATERIALS

(slides, sound recordings, videos)

269,744

SUBSCRIPTIONS

to serial publications available to all
University of Toronto faculty and students



307,590

PHYSICAL VOLUMES

in the U of T Scarborough Library, and access
to more than 12 million volumes through the
U of T Libraries system

FOOD FOR THOUGHT HERE IN SCARBOROUGH

It's no coincidence that the Culinaria Research Centre is at U of T Scarborough. Culinaria is the hub of food studies for U of T, and Scarborough is the hub of some of the best pho, roti and lahmajoun on the planet. The cuisine is tied to culture, history and economics – not to mention migration. Scarborough is one of the world's most diverse communities.

"We learn which food tastes good even before we speak," says Professor Daniel Bender, Culinaria's director. Food is a way for immigrants to hold on to their cultural identity, and sometimes their only way to make a living. Notes Bender, "There are more jobs in the food and food processing centres here than in New York City."

In 2016, Culinaria hosted *Scarborough Fare: Global Foodways and Local Foods in a Transnational City*. The conference brought three groups together for the first time – the Association for the Study of Food and Society; the Agriculture, Food and Human Values Society; and the Canadian Association for Food Studies.

Culinaria researchers employ field and archival work, oral history, GIS mapping and more. One project, Scarborough Chinatown, focuses close to home, collecting maps and restaurant histories. Another – U of T Scarborough Professor Jeffrey Pilcher's project, *City Food* – involves partners on six continents.

In 2015–2016, American scholar Elizabeth Zanoni was Culinaria's first postdoctoral fellow. She said it was an ideal place to study migrant foodways: a research centre "passionate about engaging the community," in a community where "the cuisines aren't watered down."



There are more jobs
in the food and food
processing centres here
than in New York City."

Daniel Bender,
Canada Research Chair in Cultural
History and Analysis, Professor of History,
Historical and Cultural Studies



A FASTER WAY TO MEASURE PLANETARY MOVEMENT

Two astrophysicists at U of T Scarborough have developed a new tool to calculate the movement of planets. Professor Hanno Rein and postdoctoral fellow Daniel Tamayo have improved on the algorithms in use for the past 30 years.

The pair have improved speed by a factor of two to five – and accuracy even more so. Until now, small errors would grow by a factor of 100 when going from one year to 100 years. With

Rein and Tamayo's algorithm, errors will grow by a factor of 10 over the same period. "Even a tiny error after one year will have a dramatic effect after one million years," notes Tamayo.

The new algorithm is open source; other scientists can download and use it. "They can also make improvements on it," says Rein.

At the Centre for Planetary Sciences, Rein and Tamayo look at whether the solar system is chaotic.

It very likely is, says Tamayo. "There's a reasonable chance that Mercury will get ejected from it or collide with the sun or another planet. Such an event, even though billions of years away, would have dramatic consequences on the entire solar system."

Hence the need to be as accurate as possible with astrophysical simulations.

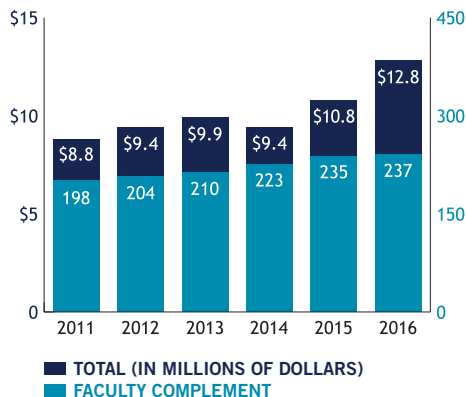


Even a tiny error after one year will have a dramatic effect after one million years."

Daniel Tamayo,
Post-doctoral Fellow in Astro-Physics,
Centre for Planetary Science

RESEARCH FUNDING AND FACULTY COMPLEMENT

(2010/2011–2015/2016)



TRACKING THE EVOLUTION OF THE KIWI BIRD

New Zealand's kiwi have much to tell us about evolution during the most recent ice age (the Pleistocene). A team led by Jason Weir has found that the kiwi underwent "explosive" genetic diversification during that time.

Weir, a biologist at U of T Scarborough, says there are now 11 kiwi species and subspecies, with six others extinct. As ice spread over the land, he says, the kiwi retreated to isolated refuges where they gradually evolved new characteristics. This was repeated as the ice expanded and shrank some seven times over nearly 800,000 years.

Previous research showed only five species of kiwi, said to have developed *before* the Pleistocene. Why the dramatic difference?

Weir is one of the first scientists to use sophisticated new methods of DNA testing, which track thousands of genetic markers on the genome. Previous research employed a simple system of DNA testing, using a single genetic marker. Many other creatures have been classed in the old way. But that way "is out the window now," says Weir. "These new methods are going to be used extensively."

He expects scientists to revisit evolutionary studies of many birds and animals in the Americas and in other places that had periods of glaciation.

Weir's team included researchers in New Zealand and at the Royal Ontario Museum. The findings were published in the prestigious American journal *Proceedings of the National Academy of Sciences*.

121
POST-DOCTORAL FELLOWS



24
BOOKS PUBLISHED,
2015 + 2016

619
JOURNAL ARTICLES



CONNECTING UNDERGRADUATES WITH RESEARCH OPPORTUNITIES

U of T Scarborough has created a catalogue that is both inspirational and practical. The new U of T Scarborough Research Catalogue gives a full list of research opportunities at the campus and its partner institutions around the globe.

Available to all U of T Scarborough students via the online Career Learning Network (CLN), the new catalogue is a useful tool for undergraduates who want to do research. They can learn about the breadth of opportunities available – and start planning ahead.

Developed by the Office of the Vice-Principal, Research and the Academic Advising & Career Centre, it benefits faculty too. They can spread the word about their research opportunities and give advice to students who may want to work with them. The catalogue also showcases faculty research profiles.

130
REVIEWS, EDITORIALS, NOTES, LETTERS,
CONFERENCE PAPERS, SHORT SURVEYS,
EXHIBITIONS AND PERFORMANCES

TOP PRIZE FOR PLANNING EXPERT

André Sorensen, an associate professor in U of T Scarborough's Department of Human Geography, has won a top award in his field – the 2016 award for Best Published Paper, from the Association of European Schools of Planning.

In the paper, "Taking path dependence seriously: an historical institutionalist research agenda in planning history," Sorensen developed a theoretical framework and proposal for a research agenda in planning history that employs a historical institutionalist (HI) approach.

He says HI provides valuable concepts and methods for planning history research, which can help in developing long-run international comparative studies of urban planning and planning governance.

"One aspect that is very exciting for me," he says, "is that a number of researchers are already working with my conceptual framework and developing several aspects of my proposed research agenda."

The paper was published in *Planning Perspectives*.

CLOSE TO
\$1 MILLION

invested for research promotion to assist faculty in applying for grants, hosting research events, publishing papers and attending conferences around the world



45
BOOK CHAPTERS
PUBLISHED

MINDFULNESS REDUCES DEPRESSION

Psychology Professor Zindel Segal of U of T Scarborough has been named a Distinguished Professor by the University of Toronto — one of only 27 faculty members, university-wide, to hold this designation.

For more than 20 years, Segal has studied the therapeutic uses of mindfulness to treat a range of mental health challenges. He has recently gained international attention for his pioneering work on mindfulness-based cognitive therapy (MBCT) as a way to keep depression from reoccurring.

Randomized controlled trials have shown MBCT to be as effective as antidepressant medication in preventing relapse.

“As we know,” says Segal, “antidepressants are currently the standard of care. This is a very big finding because here you have a talk therapy — a therapy that doesn’t use drugs — showing protection that is on par with the use of medication.”

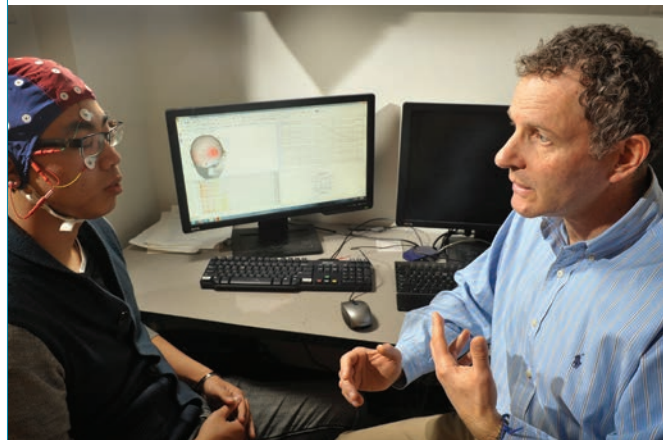
Segal’s team is currently evaluating a digital version of MBCT, which could be accessed online. It could allow people to be treated at home instead of attending an in-person MBCT group.

29%

SUCCESS RATE

in the SSHRC Insight Grants program, compared to the

NATIONAL RATE OF 23%



20%

INCREASE IN TENURE-STREAM FACULTY SINCE 2011



80%

U OF T SCARBOROUGH'S SUCCESS RATE

in the NSERC Discovery Grants program, compared to the

NATIONAL RATE OF 65%

CITIZENS AS RESEARCHERS

Inside every citizen dwells a potential researcher. By promoting citizen engagement, an online research platform called Participedia aims to connect these latent researchers with those already in the field.

Bettina von Lieres is interim associate director of the Centre for Critical Development Studies at U of T Scarborough — and Participedia’s director of teaching and learning.

She describes Participedia as “a citizen-led platform that allows researchers, citizens and policy makers to really work together to put research out into the open. One aim,” she says, “is to get experts and non-experts together.”

Von Lieres grew up under apartheid in South Africa. She has always been interested in issues of citizen engagement.

“There is an increasing sense in the world where people feel that they should hold their governments accountable,” she says, “and citizen engagement is seen as a way of making states and governments listen to citizens.”



U OF T SCARBOROUGH GRADUATE STUDENT RESEARCH AWARDS

PhD – Devim Coskun, Biological Sciences: “On the Roles of Membrane Channels in Plant Mineral Nutrition and Toxicity”

Master’s – Dean Carcone, Psychology: “Memory Encoding in Borderline Personality Disorder”

\$1.4+ MILLION

in equity generated over three years by companies launched at The Hub, our early-stage innovation and business incubator supporting student entrepreneurship

- 222 students have used The Hub to foster ideas and ready them for launch
- 12 companies launched
- 12 events
- \$45,000 seed funding awarded

STARTUP IS A WINNER

Ravi Ravindran (BSc, 2015) has won a first-place award – an investment of \$100,000 – for an idea he refined at The Hub. Ravindran’s app, Mapian, gives smartphone users geo-tagged, user-generated content via digital maps. It offers localized interactions with friends and feedback on places, venues and events. Ravindran won the major cash award by pitching his idea, Dragons’ Den style, to The Launch Pad, a Toronto-based competition for Tamil entrepreneurs across North America. Ravindran, who studied neuroscience and psychology at U of T Scarborough, had already lined up private investment for the app. The Launch Pad win provided a significant boost toward a 2016 launch.

2016 PRINCIPAL’S RESEARCH AWARDS

Biologist Maydianne Andrade and geologist Nick Eyles have won the 2016 Principal’s Research Award for their life’s work. The two gave lectures at U of T Scarborough’s Celebration of Research Excellence ceremony.

Andrade is a world-renowned expert on black widow spiders. “When I started my research I was most interested in sexual cannibalism,” she says, which “poses an evolutionary conundrum.”

Andrade also studies plasticity and the evolution of plasticity – how specific traits are expressed in an organism over time, when exposed to environmental conditions.

She talked about fundamental research and the curiosity that drives it. “You can’t anticipate where it will take you,” or which pieces of information will be important. She pointed to the Mars rover, its workings modelled on an insect nervous system – knowledge that stems back to fundamental research.

Nick Eyles is currently using satellite laser imagery to show how bullet-like landforms dotting parts of North America were carved out during the retreat of the last ice age. He became interested in geology in the 1960s, growing up in London, England. In his teens, he said, “I bought a motorcycle and just went out exploring the geology of Britain.”

Eyles’s research has since taken him to places such as Iceland, the Grand Canyon and, recently, to Congo, to draw a core sample of the earth more than a hundred miles deep.

Eyles, like Andrade, spoke of curiosity. “I want to find out as much as I can about the planet before I become part of it.”

U OF T SCARBOROUGH FACULTY RESEARCH AWARD RECIPIENTS

Research Excellence Faculty Scholars:
Michael Inzlicht, Psychology; Frank Wania, Physical & Environmental Sciences;
Lisa Jeffrey, Computer & Mathematical Sciences

Principal’s Research Award:
Maydianne Andrade, Biological Sciences, and
Nick Eyles, Physical & Environmental Sciences

Research Recognition Award:
Anthony Ruocco, Psychology



SCIENCE COMES TO THE COMMUNITY

On May 7, 2016, more than 7,000 people visited the Toronto Zoo for a Science Rendezvous event presented by U of T Scarborough. The family-focused event offered activities and talks from our campus's scientists, while visitors moved through eight special pavilions.

Children learned about climate change impact while in the actual presence of polar bears. They also learned amazing facts about bats and bugs from U of T Scarborough student volunteers.

Science Rendezvous is an annual event coinciding with Science Odyssey, the Government of Canada's 10-day celebration of science and engineering. On Rendezvous day, Canada's top research institutes present a coast-to-coast open house and festival – more than 300 events across 30 cities.

The zoo event strengthened the community partnership that has existed between the campus and the Toronto Zoo since 2008. Faculty hold appointments at the zoo and teach jointly with Toronto Zoo research staff in the area of conservation. The zoo is also a partner in U of T Scarborough's Co-op program for undergraduates.

309 VOLUNTEERS

for Let's Talk Science, the community outreach program encouraging youth to learn more about the sciences



IT'S BETTER TO GIVE ... AN EXPERIENCE

To make someone feel closer to you, give them an experience instead of a thing. New research by Cindy Chan shows that experiential gifts are more socially connecting because they tend to be more emotionally evocative. She speaks of “the fear and awe of a safari adventure, the excitement of a rock concert or the calmness of a spa.”

Chan is an assistant professor in the Department of Management. Her research, co-authored with a colleague from UCLA, looked at how relationships between giver and recipient were affected across four separate studies. Past research has focused mostly on how much recipients enjoy certain gifts. Chan's research was unique in that it explored the pro-social consequences – that is, how effective gifts are in building relationships.

The results point to lost opportunities. Seventy-eight per cent of respondents said they had most recently purchased a material gift.

Chan says one of the four studies showed that material gifts can strengthen relationships too, if they are emotionally evocative. Framed photographs and engraved jewelry are two examples. She also points to material gifts that relate back to an experience. A CD from a concert that was enjoyed together can mimic the effect of the concert itself.

Chan's research also has implications for marketers. Experiential gifts, she says, can be packaged in ways that make them easier to consume – for example, tickets that don't have to be used on a specific day.



The fear and awe of a safari adventure, the excitement of a rock concert or the calmness of a spa” are all more socially evocative than material gifts.

Cindy Chan

UNDERSTANDING EXTROVERTS

Achala Rodrigo of U of T Scarborough has won a Vanier Canada Graduate Scholarship — a prestigious SSHRC award of \$50,000 a year for up to three years, which helps institutions attract and retain highly qualified doctoral students.

Rodrigo, a PhD candidate in Clinical Psychology, won the scholarship for his research into extraversion, combined with his leadership skills and academic excellence.

Extroverts, he says, seem able to regulate themselves well with others and “generally seem to have good outcomes in terms of interpersonal functioning.” The optical imaging technology at U of T Scarborough’s Clinical Neurosciences Laboratory can measure people’s brain activity while they interact with others.

Rodrigo is using it to examine associations between brain areas that serve aspects of self-control and interpersonal functioning.

“We want to look at all the facets that make up extraversion and then identify exactly how control relates to this personality trait,” he says. The ultimate goal: “to understand how we can become better at navigating our social environment.”

Sri Lankan-born Rodrigo entered U of T Scarborough as an undergraduate when he came to Canada 10 years ago. He says, “I have called U of T Scarborough home throughout my academic career.” The graduate department of Psychological Clinical Science is only three years old, and Rodrigo is its second student to receive a Vanier.



28
LECTURE SERIES AND
OTHER ON-CAMPUS
RESEARCH EVENTS



OVER **\$12.8** MILLION
IN TOTAL RESEARCH FUNDING,
2015–2016

MATH PROFESSORS MAKE THEIR MARK

Two U of T Scarborough mathematicians won prestigious awards this year. Professor Lisa Jeffrey is the 2017 Noether Lecturer and Professor John Friedlander is a joint recipient of the 2017 Doob Prize.

The Emmy Noether Lecture award and lecture series honours women who have made important and sustained contributions to the field. Being named as this year’s Lecturer, Jeffrey was noted for her “contributions and leadership in symplectic and algebraic geometry, focused on connections with theoretical physics.”

The Joseph L. Doob prize recognizes a book that makes a significant contribution to the research literature and promises to have a lasting impact. *Opera de Cribro*, by Professor Friedlander and his co-author, Henryk Iwaniec of Rutgers University, was praised for its “high-quality writing, clear explanations and numerous examples” to help readers understand the subject in depth.

The Noether award is co-sponsored by the Association for Women in Mathematics and the American Mathematical Society. The Doob Prize is presented every three years by the American Mathematical Society.

UPGRADING OUR RESEARCH SPACE

Innovative research at U of T Scarborough is getting a shot in the arm: \$17.8 million in funding to upgrade labs in the Science Wing (“S-Wing”) and vivarium. By the expected finish date – spring 2018 – 20 labs will be upgraded and several building infrastructure upgrades will be complete.

“These renovations will create state-of-the-art research space for our students, postdoctoral fellows and faculty,” says Professor Bernie Kraatz, VP of Research. Kraatz, a renowned chemist himself, says, “I’ve experienced, first hand, the positive outcomes that investments like this can have in terms of innovation, research excellence and training the next generation of researchers.”

The lab upgrades will assist current and planned levels of research, improve efficiency and reduce environmental impact.

The funding is part of the Lab Innovation for Toronto (LIFT) project, which is distributing a total of \$189.8 million across the three University of Toronto campuses. U of T is contributing \$91.8 million, with the federal and provincial governments providing \$83.7 million and \$14.3 million, respectively.

The federal portion comes from the government’s new \$2-billion Post-Secondary Institutions Strategic Investment Fund.

100%

OF ACADEMIC DEPARTMENTS ARE RESEARCH ACTIVE



THREE PROFESSORS JOIN CRC RANKS

In December 2016, three new Canada Research Chairs (CRCs) were awarded to U of T Scarborough.

Vice-Principal of Research Bernie Kraatz says the three recipients – Brian Connelly of Management; Bebhinn Treanor of Biological Sciences; and Kagan Kerman of Physical & Environmental Sciences – are among the most promising researchers in their fields.

Brian Connelly’s Chair is a first – the first CRC to be awarded to Management. It is in Integrative Perspectives on Personality. Connelly aims to improve on the personality tests that employers use in hiring and evaluation. At present, he says, these tests often favour manipulators and egoists. He is working to create more accurate, data-driven tests.

Bebhinn Treanor’s Chair is in Spatially Resolved Biochemistry. Her research focuses on the processes that drive immune cell activation. She aims to fundamentally understand how immune response works, and how it can be controlled to develop therapies for lymphomas and autoimmune diseases.

Kagan Kerman’s Chair is in Bioelectrochemistry of Proteins. His research applies state-of-the-art, rapid and affordable approaches to the study of Alzheimer’s disease. He seeks to improve early detection methods, to enable early intervention and improve patient care.

In all, the University of Toronto was awarded 25 new CRCs this year (16 of them to women).

The CRC program was established in 2000 to advance Canadian research and development. About \$265 million is invested each year to attract and retain the world’s most promising minds.



A STANDOUT LECTURER ON CAMPUS

Lecturers at U of T Scarborough have an impressive range of experience, but David Onley stands out. His previous position: Lieutenant Governor of Ontario.

Since stepping down from that post in 2014, he has been a senior lecturer and distinguished visitor in the Department of Political Science. In 2015, he also served as U of T's ambassador for the Pan Am/Parapan Am Games.

Today, Onley looks forward to the 2017 Invictus Games, which will be held at the Toronto Pan Am Sports Centre. The Invictus is an international competition for ill or wounded veterans, created by Prince Henry of Wales.

As Lieutenant Governor, Onley represented Ontario at world sporting events. He was also on hand to see troops off to Afghanistan — and to meet returning, wounded vets. He is not one to glorify war. "I think the best aspects of the military include camaraderie, teamwork and discipline." These, he believes, "can be paralleled in sports, giving veterans another pathway back to a normal existence."

For Onley, teaching at the campus is a return to his roots. Before starting his rich and varied career — prior to his role in government, he spent 22 years in TV journalism — Onley graduated from the campus with an Honours BA Specialist certificate in political science. It was 1975, and he was student council president of what was then Scarborough College.

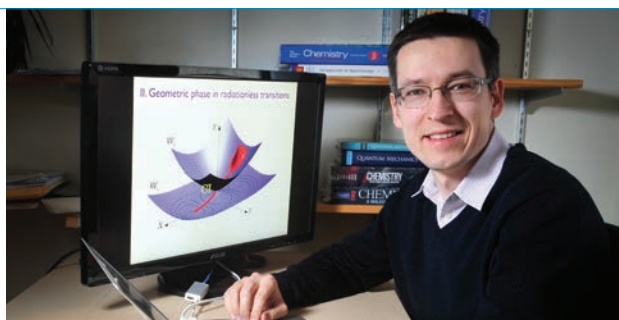
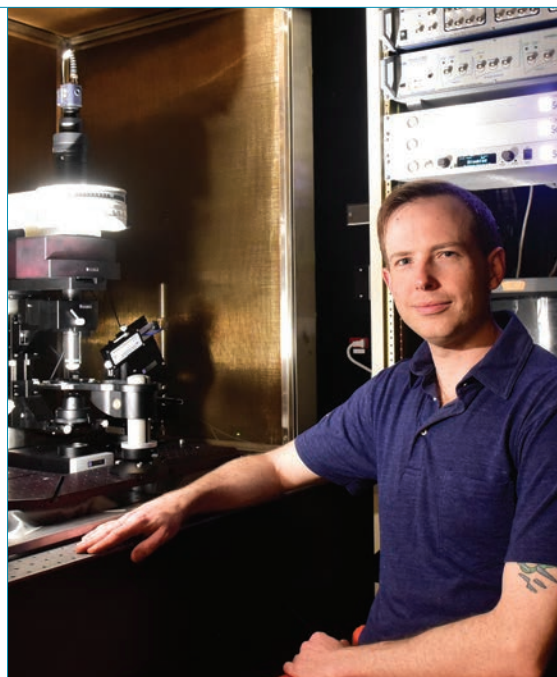
TO BETTER UNDERSTAND THE BRAIN

How does the brain encode perceptions? Blake Richards is developing tools that may lead to an answer. Richards, a biology professor at U of T Scarborough, is working with young researchers at Oxford University and at Korea University in Seoul. The research is funded by a Young Investigators' Grant from the Human Frontier Science Program.

The interdisciplinary investigation employs cellular electrophysiology, multiphoton imaging in mice and computational modelling, to explore how cells in the neocortex can control electrical activity in the brain.

Understanding this process could lead to new technologies for treating perceptual and mental disorders — for example, preventing hallucinations in people with schizophrenia.

Young Investigators' Grants are awarded for groundbreaking research by teams of scientists working in different countries and in different disciplines.



2015 SLOAN RESEARCH FELLOWSHIP, ALFRED P. SLOAN FOUNDATION

Artur Izmaylov,
Physical & Environmental Sciences



ALBERT BERRY PRIZE, CANADIAN DEVELOPMENT ECONOMICS STUDY GROUP

Marco Gonzalez-Navarro, Management

ROYAL SOCIETY OF CANADA

FELLOWS

Judith Teichman, Political Science

Lisa Jeffrey, Computer & Mathematical Sciences

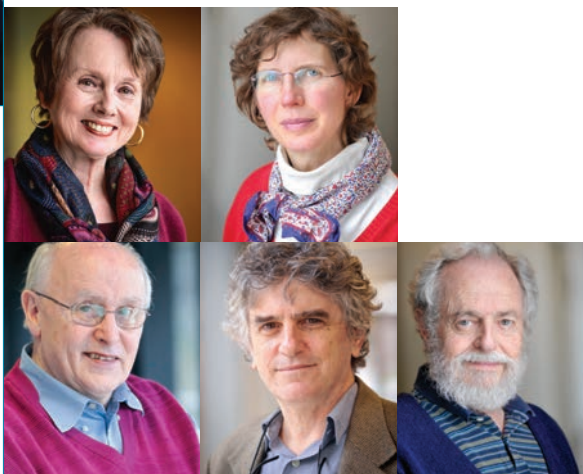
John Kennedy, Psychology

Michael Lambek, Anthropology

John Friedlander, Computer & Mathematical Sciences

MEMBER, COLLEGE OF NEW SCHOLARS, ARTISTS AND SCIENTISTS

Natalie Rothman, Historical and Cultural Studies



IMPROVING RICE OUTPUT

A new technology – a soil fertility sensor – will help rice farmers in the developing world improve their productivity. Herbert Kronzucker of the Canadian Centre for World Hunger Research (CCWHR) at U of T Scarborough says the sensor will reduce costs for the farmers and also reduce pollution.

The CCWHR is partnering with the Centre for Global Engineering and the Dalla Lana School of Public Health on the sensor, which is still in early development.

It's often hard for the farmers to afford fertilizer, explains Kronzucker, and to know how much is needed. The sensor, based on gold nanoparticles, will let them test their soil with colour-changing strips, similar to pH strips.

They will then consult a mobile app to see if they need more or less of a specific nutrient.

Kronzucker, who founded and directs the CCWHR, was recently named a U of T Distinguished Professor. He points to issues around nitrogen. It is one of the three main necessary nutrients, he says, "but it also costs the most to produce, and, in a rice field, about 50 to 70 per cent of it doesn't even reach the plant."

Excess nitrogen contaminates watersheds, leaches into groundwater, harms aquatic life and causes greenhouse gas emissions.

The sensor project is supported by the Dean's Strategic Fund, U of T Faculty of Applied Science & Engineering.





**E.R. WARD NEALE MEDAL,
GEOLOGICAL ASSOCIATION OF CANADA**

Nick Eyles, Physical & Environmental Sciences

**INAUGURAL P.M. HUANG AWARD,
INTERNATIONAL UNION OF
SOIL SCIENCES**

Myrna Simpson, Physical & Environmental Sciences



**EARLY RESEARCH AWARD,
ONTARIO MINISTRY OF
RESEARCH AND INNOVATION**

Brian Connelly, Management

Patrick McGowan, Biological Sciences

Anthony Ruocco, Psychology



**ENGINEERING—ENVIRONMENTAL STUDIES
PROGRAM'S FIRST GRADUATES**

The spring 2016 convocation at U of T Scarborough included a first: Chinmaya Bhatt and Jonathan Stokes were the first students ever to graduate with both an Honours Bachelor degree in Environmental Science and a Master of Engineering.

They had taken a combined program that lets environmental science students complete their undergraduate degree concurrently with a Master of Engineering degree in either Chemical Engineering and Applied Chemistry *or* Civil Engineering. They do the full requirements of both a BSc and an MEng, all within five years, and come out with both degrees.

“When applying,” says Stokes, “I thought, ‘what a unique opportunity to take engineering, when you’re not an engineer.’ It has allowed me to be part of a community I would not traditionally be exposed to.”

The program is designed to get students to think differently, by exposing them to dramatically different academic perspectives.

“In science you identify problems,” says Bhatt, “and in engineering you find ways to solve them.”

The graduates enter the workforce specialized and equipped to tackle environmental challenges.

U of T Scarborough now offers a similar combined program in Mental Health Studies and Social Work, and other potential combinations are being explored.

POETRY POSITS ALTERNATE HISTORIES

Poets have long been writing “occasional poems” — marking births, deaths, victories, etc. But Daniel Scott Tysdal has been marking imaginary events instead. In his latest collection, *Fauxccasional Poems*, the Iroquois colonize Europe and the crew of the Enola Gay refuse to drop the bomb.

Tysdal, assistant professor, Teaching Stream, Department of English, also created five videos to accompany the book. The videos introduce fauxccasional poetry and expand on the idea of speculative events and the alternative universes they create.

“There’s an escapist element to the poems,” he says, “a quality of hope and regret that runs through them.” While most of them involve historical events, a few touch on personal themes. There is one poem for a friend who committed suicide and one about countering depression through a writing adventure with students.

Published by Goose Lane Editions, *Fauxccasional Poems* made the CBC Books list of hottest poetry collections for 2015. Tysdal’s other books include a guide to writing poetry, published by Oxford University Press in 2014.

Why fauxccasional poetry? Why now?

Says Tysdal: “There’s an overriding desire — and I think this is something shared by all humanity — to create a better world. In order to imagine a better world we sometimes need to take events and flip them around to offer a different perspective.”



In order to imagine a better world we sometimes need to take events and flip them around to offer a different perspective.”

Daniel Scott Tysdal



CANADA RESEARCH CHAIRS

Maydianne Andrade, Integrative Behavioural Ecology
 Daniel Bender, Global Culture
 Marney Isaac, Agroecosystems and Development
 Herbert Kronzucker, Systems Biology of Plant Nutrition and Ion Transport
 Michael Lambek, Anthropology of Ethical Life
 Bianca Schroeder, Data Centre Technologies
 Brian Connelly, Integrative Perspectives on Personality
 Bebhinn Treanor, Spatially Resolved Biochemistry
 Kagan Kerman, Bioelectrochemistry of Proteins



WHY THEATRE MATTERS

Why theatre now? In a recently launched book, 19 artists and scholars reply. *In Defence of Theatre: Aesthetic Practices and Social Interventions* is co-edited by Professor Barry Freeman of U of T Scarborough and Professor Kathleen Gallagher of U of T. Freeman directs the Theatre and Performance Studies (TAPS) program. In his own essay in the book, he writes that theatre allows people to model new ways of living together. “It helps us imagine that there is a ‘we’ in the first place – we can feel the fellow feeling of an audience, we can pay very careful attention to others’ stories, and we can imagine an experience beyond ourselves.”

The book’s contributors are Canadian academics and theatre artists, diverse in terms of gender, cultural background, region, professional orientation and career stage.

Overall, says Freeman, “the book clearly shows that theatre is on the move.” He adds that U of T Scarborough’s program reflects this. TAPS still stages plays, he says, and studies theatre history and traditions. “But, more and more, we are interested in how theatre interfaces in imaginative ways with other fields. We’re further opening up to applied theatre and always keen to collaborate with other faculty and students from across campus.”

ARTS AND THE CITY

Dan Silver, a sociologist at U of T Scarborough, is connecting the dots between the arts and city politics. He says there are two ways to view the city: in terms of unity or plurality.

The former, he says, corresponds to a view from the centre. “Everything else becomes simply ‘not from the centre.’” The latter offers “many different and overlapping views about what the city is and what it means.”

In Toronto, Silver says, artists are increasingly concentrated in certain neighbourhoods, mostly in the centre. The same with arts organizations and funding. There are positive aspects – e.g., a dense neighbourhood culture that sparks creativity and collaboration – but “the arts become more unilaterally associated with this one scene,” he says, with a “core-centric perspective: that of the downtown urban cosmopolitan.”

The connection with politics? To predict which areas will vote in a “downtownish” way versus a “suburbanish” way, says Silver, one significant factor is the number of artists. “This can make it challenging to grow arts communities outside the core.”

Can artists create a more pluralistic Toronto? Silver believes the key is “to become aware of each other and start talking to each other more.”

Working in a pluralistic direction, he says, can create “new ways to experience the city and potentially bridge its divides.”



PAPER OR PLASTIC?

Going cashless? It comes at a price. So warns Avni Shah, assistant professor, Department of Management.

With colleagues at Duke University and the University of North Carolina at Chapel Hill, Shah conducted two experiments. In one, people bought coffee mugs with either cash or credit, then were asked to sell them back at a price of their choosing. Those who used cash named a higher price and reported more emotional attachment to the purchase.

In the second, people received either cash or a voucher to donate to one of three charities. Those who donated cash felt more connected to their chosen charity.

Shah says it comes down to “pain of payment.” Parting with cash “feels more painful than paying by cheque, which feels more painful than paying by card, and so on.”

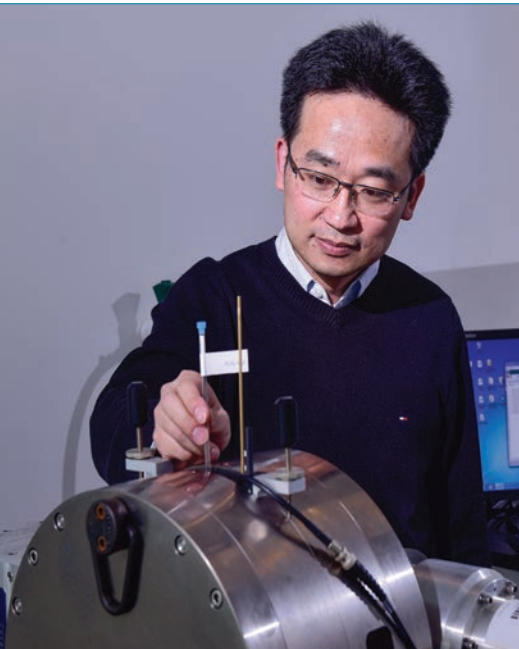
As we become increasingly paperless – making purchases via cellphone or smartwatch – Shah is concerned about the implications. “If consumers are feeling less connected to the products they’re already buying, just add easier access to credit and higher consumer debt levels and it’s a toxic combination.”

Shah points to Interac commercials that praise cash over credit, and mobile apps that remind you of purchases you’ve made. These, she says, should be encouraged. “They can help consumers make more careful, deliberate and meaningful purchases.”



[Parting with cash] feels more painful than paying by cheque, which feels more painful than paying by card, and so on.”

Avni Shah



ACCURATE MEASUREMENTS IMPROVE DIAGNOSES

Xiao-an Zhang and his team have developed a sensor that measures pH levels with greater accuracy. The immediate goal is for use in medical imaging, to help diagnose conditions such as cancer.

“Being able to detect pH levels in real time is crucial,” says Zhang, a U of T Scarborough chemistry professor. Low pH has been linked to conditions such as cancer, cystic fibrosis and ischemia. “You can use a pH signal to diagnose a disease and also monitor the effectiveness of a therapy.”

The new sensor uses nuclear magnetic resonance (NMR) spectroscopy, a noninvasive technology that provides a detailed look at molecules at the atomic level. But it is hard to get a sufficiently accurate, real time pH value using conventional NMR timescales, notes Zhang. This is because a pH value is a measurement of the activity of protons – tiny charged particles that tend to attach to other molecules. They are hard to measure in tissues because they move rapidly.

Zhang’s sensor features a slow proton exchange mechanism. “The probe we developed can slow down proton movement and view protons at various states,” he says, “for a more sensitive and accurate measurement.”

The new sensor was tested on oocytes (immature egg cells) in Professor Andre Simpson’s lab and on E. coli cells in U of T Professor Deborah Zamble’s lab.

In future, it may also have applications in environmental science, biology and food production and quality control.

RESEARCH FUNDING, 2015–2016

FACULTY	DEPARTMENT	SPONSOR	PROGRAM	TITLE OF RESEARCH PROJECT	AWARDED
Aggarwal, Pankaj	Department of Management	Social Sciences & Humanities Research Council (SSHRC)	Insight Grant	Of people, animals and things: Anthropomorphizing brands and dehumanizing people	\$23,287.00
Andrade, Maydianne	Department of Biological Sciences	Natural Sciences and Engineering Research Council of Canada (NSERC)	Discovery Grants	Understanding links among mating systems, plasticity and divergence using black widow spiders	\$41,000.00
Archontitsis, Georgios	Department of Physical & Environmental Sciences	Environment Canada	Operating Grant	A Bayesian ensemble watershed modelling strategy to support adaptive management implementation in the southeastern Georgian Bay area	\$84,000.00
Archontitsis, Georgios	Department of Physical & Environmental Sciences	Environment Canada	Operating Grant	Towards linking water level fluctuations with water quality in south-eastern Georgian Bay: An adaptive management approach	\$72,000.00
Archontitsis, Georgios	Department of Physical & Environmental Sciences	Environment Canada	Great Lakes University Research Fund	Eutrophication risk assessment and adaptive management implementation in the Hamilton Harbour AOC	\$68,000.00
Archontitsis, Georgios	Department of Physical & Environmental Sciences	Environment Canada	Operating Grant	Integrated watershed-receiving waterbody model for Lake Simcoe	\$62,500.00
Archontitsis, Georgios	Department of Physical & Environmental Sciences	Environment Canada	Great Lakes University Research Fund	Eutrophication risk assessment with process-based modelling and evolutionary algorithms in the Bay of Quinte AOC	\$60,000.00
Archontitsis, Georgios	Department of Physical & Environmental Sciences	Environment Canada	Operating Grant	Towards the development of an adaptive management strategy of the Peary caribou population: A Bayesian approach	\$60,000.00
Archontitsis, Georgios	Department of Physical & Environmental Sciences	Mathematics of Information Technology and Complex Systems (MITACS)	MITACS-Elevate (PDF)	Eutrophication risk assessment and adaptive management implementation in Lake Simcoe: Integration of the watershed processes with the receiving waterbody	\$57,500.00
Archontitsis, Georgios	Department of Physical & Environmental Sciences	MITACS	MITACS-Elevate (PDF)	Guiding delisting decisions in the Great Lakes area: Development of a Bayesian risk assessment methodology	\$57,500.00
Archontitsis, Georgios	Department of Physical & Environmental Sciences	NSERC	Discovery Grants	Towards the development of integrated modelling frameworks in aquatic biogeochemistry: A Bayesian synthesis of empirical knowledge and model predictions	\$38,000.00
Averbakh, Igor	Department of Management	NSERC	Discovery Grants	Non-classical discrete optimization problems	\$21,000.00
Birn, Anne-Emanuelle	Department of Political Science	Canadian Institutes of Health Research (CIHR)	Open Operating	Health diplomacy at a crossroads: Social justice-oriented south-south cooperation in a time of global change	\$99,394.00
Boonstra, Rudy	Department of Biological Sciences	Aboriginal Affairs and Northern Development Canada	Northern Scientific Training Program (Operating)	Epigenetic inheritance and population growth: The impact of predator-induced maternal stress on the snowshoe hare cycle	\$3,200.00

FACULTY	DEPARTMENT	SPONSOR	PROGRAM	TITLE OF RESEARCH PROJECT	AWARDED
Boonstra, Rudy	Department of Biological Sciences	Aboriginal Affairs and Northern Development Canada	Northern Scientific Training Program (Operating)	Hair cortisol as a non-invasive index of stress in wild snowshoe hares	\$2,000.00
Boonstra, Rudy	Department of Biological Sciences	NSERC	Discovery Grants	The role of stress in natural populations	\$56,000.00
Boonstra, Rudy	Department of Biological Sciences	NSERC	Discovery Grant – Northern Research Supplement	The role of stress in natural populations	\$15,000.00
Boonstra, Rudy	Department of Biological Sciences	Office of Naval Research	Research	Quantifying stress in marine mammals: Measuring biologically active cortisol in cetaceans and pinnipeds	\$138,310.31
Borins, Sandford	Department of Management	SSHRC	Insight Grant	Extending the reach of a methodology for studying narratives about politics and government	\$7,616.00
Bowen, William	Department of Arts, Culture & Media	SSHRC	Aid to Scholarly Journals	Renaissance and Reformation (SSHRC Aid to Scholarly Journal)	\$29,402.00
Bowen, William	Department of Arts, Culture & Media	SSHRC/University of Victoria	SSHRC MCRI Subgrant	Implementing new knowledge environments	\$6,000.00
Brown, Ian	Department of Biological Sciences	Canada Foundation for Innovation (CFI)	Leading Edge Fund Program	Centre for Neurobiology of Stress (CNS)	\$187,678.00
Brown, Ian	Department of Biological Sciences	NSERC	Discovery Grants	Heat shock proteins in the nervous system	\$45,000.00
Buchweitz, Ragnar-Olaf	Department of Computer & Mathematical Sciences	NSERC	Discovery Grants	Applications of homological algebra in algebra, geometry and physics	\$40,000.00
Buckley, Michelle	Department of Human Geography	Connaught Fund	New Researcher Award	Migrants' experiences in the Thai construction sector: regulation, mobility and gender in Chiang Mai's building trades	\$10,000.00
Burchell, Kenzie	Department of Arts, Culture & Media	Connaught Fund	New Researcher Award	The social life of information abundance, data-mining, and news production	\$10,000.00
Cadotte, Marc W.	Department of Biological Sciences	NSERC	Discovery Grants	Biodiversity and the delivery of ecosystem services in novel landscapes	\$32,000.00
Cadotte, Marc W.	Department of Biological Sciences	TD Foundation	Discovery Grants	TD limited term professorship in urban forest conservation and biology	\$166,666.66
Campbell, Malcolm	Department of Biological Sciences	NSERC	Discovery Grants	Comparative genomics of plant resource allocation	\$56,000.00
Campolieti, Michele	Department of Management	SSHRC	Standard Research Grants	Youths and the labour market	\$17,609.00
Cant, Jonathan S.	Department of Psychology	NSERC	Discovery Grants	The neural substrates of object ensemble processing in the human brain	\$29,000.00
Gen, Ling	Department of Management	SSHRC	Insight Grant	Rationalize the irrationality: Diffusion of misvaluation through economic links	\$17,665.00
Chan, Leslie	Centre for Critical Development Studies	International Development Research Centre	Science & Innovation – Information & Network	Catalysing open and collaborative research to address development challenges	\$96,100.00

FACULTY	DEPARTMENT	SPONSOR	PROGRAM	TITLE OF RESEARCH PROJECT	AWARDED
Chen, Li	Department of Historical & Cultural Studies	SSHRC	Standard Research Grants	Confucian literati as jurists: power, knowledge and legal culture in late imperial China 1600–1900	\$19,162.00
Childress, Christopher Clayton	Department of Sociology	Connaught Fund	New Researcher Award	Diversity, the Booker Prize, and long term literary acclaim	\$10,000.00
Chun, Jennifer J.	Department of Sociology	SSHRC	Insight Grant	Protesting Publics in South Korea	\$46,215.00
Chun, Jennifer J.	Department of Sociology	SSHRC	University of Toronto Excellence Award – SSH	Organizing workers in informal and precarious work: building a global network	\$6,000.00
Cire, Andre Augusto	Department of Management	NSERC	Discovery Grants	Optimization with decision diagrams: Theory and applications	\$24,000.00
Cochrane, Christopher Brian	Department of Political Science	Higher Education Quality Council of Ontario	Operating Service Agreement	What's the story? Media coverage of PSE in Ontario	\$29,142.96
Connelly, Brian Samuel	Department of Management	Ontario Ministry of Research, Innovation and Science	Early Research Award	Broadening the horizons of personality: The Scarborough multi-rater personality project (SMuRPP)	\$25,666.68
Connelly, Brian Samuel	Department of Management	SSHRC	Insight Grant	Lying, boasting, self-exalting: Using observer reports of personality to identify and remedy applicant faking	\$34,500.00
Cree, George Scott	Department of Psychology	NSERC	Discovery Grants	Semantic cognition: Behavioural, computational and EEG/ERP based analyses of semantic content, structure, and processing	\$27,000.00
Dewar, Genevieve	Department of Anthropology	SSHRC	Insight Grant	Human landscape use during MIS 3 and MIS 2 in southern Africa	\$67,747.00
Dittrich, Maria B.	Department of Physical & Environmental Sciences	Environment Canada	Great Lakes University Research Fund	Bay of Quinte: sediment nutrient fluxes, sediment oxygen demand and links to harmful algal blooms	\$95,375.00
Dittrich, Maria B.	Department of Physical & Environmental Sciences	Environment Canada	Great Lakes University Research Fund	Sediment Phosphorus Release and Harmful Cyanobacterial Blooms in South Eastern Georgian Bay: Field and diagenetic modelling study	\$79,200.00
Dittrich, Maria B.	Department of Physical & Environmental Sciences	MITACS	Accelerate Ontario	Assessing nutrient retention in sediments and harmful algal blooms in the Bay of Quinte by field, laboratory and modelling studies	\$45,000.00
Dittrich, Maria B.	Department of Physical & Environmental Sciences	NSERC	Discovery Grants	Organo-mineralization in microbial mats: linking field, laboratory and metagenomic studies	\$22,000.00
Dittrich, Maria B.	Department of Physical & Environmental Sciences	Ontario Ministry of the Environment and Climate Change	Research Grants	Bay of Quinte: sediment nutrient fluxes, sediment oxygen demand and links to harmful algal blooms: modelling part	\$10,000.00

FACULTY	DEPARTMENT	SPONSOR	PROGRAM	TITLE OF RESEARCH PROJECT	AWARDED
Dittrich, Maria B.	Department of Physical & Environmental Sciences	Qatar National Research Fund	National Priorities Research Program (NPRP)	Geobiological processes in the sabkhas of Qatar: Evaluating the role of microbes for the formation of dolomite and other authigenic minerals in evaporitic environments	\$37,773.00
Donaldson, D. James	Department of Physical & Environmental Sciences	NSERC	Discovery Grants	Atmospheric and Interfacial Reaction Dynamics	\$43,000.00
Enright, Wayne	Department of Computer & Mathematical Sciences	NSERC	Discovery Grants	The development of reliable numerical software for the investigation of systems of differential equations	\$20,000.00
Erb, Suzanne	Department of Psychology	CIHR	Canada Graduate Scholarships – Doctoral	Doctoral – Aya Sasaki – The role of genotype and epigenotype in serotonin transporter effects on depression and anxiety-related behaviours	\$15,000.00
Evans, Michael	Department of Computer & Mathematical Sciences	NSERC	Discovery Grants	Bayesian statistical inference and computation	\$15,000.00
Evans, Michael	Department of Computer & Mathematical Sciences	NSERC	Discovery Grants	Bayesian inference, model checking, and checking for prior-data conflict, and inferences via Bayes factors and relative belief ratios	\$15,000.00
Eyles, Nicholas	Department of Physical & Environmental Sciences	NSERC	Discovery Grants	The geology of glaciated sedimentary basins	\$33,000.00
Farber, Steven	Department of Human Geography	Connaught Fund	New Researcher Award	Leveraging open data and high performance computing to usher in a new era of multi-modal accessibility metrics	\$10,000.00
Farber, Steven	Department of Human Geography	NSF/University of Utah	National Science Foundation (NSF) Subgrant	Interaction potential and the social and economic vibrancy of metropolitan regions	\$12,863.40
Fleet, David James	Department of Computer & Mathematical Sciences	MITACS	Accelerate Ontario	Improving video based heart rate estimation for affective computing	\$15,000.00
Fleet, David James	Department of Computer & Mathematical Sciences	NSERC	Discovery Grants	Looking at people and large-scale vision	\$73,000.00
Franco, April	Department of Management	SSHRC	Insight Grant	The effects of employee mobility on entrepreneurial ventures, employment growth and regional prosperity	\$50,250.00
Friedlander, John	Department of Computer & Mathematical Sciences	NSERC	Discovery Grants	Research in number theory	\$38,000.00
Fulthorpe, Roberta	Department of Physical & Environmental Sciences	MITACS	Accelerate Ontario	Evaluating models for assessing organic chemicals for human health and ecological exposure and risk assessment	\$30,000.00
Fulthorpe, Roberta	Department of Physical & Environmental Sciences	MITACS	Accelerate Ontario	The avenues and effects of mould and microbial growth in condominiums and apartment buildings	\$15,000.00
Fulthorpe, Roberta	Department of Physical & Environmental Sciences	NSERC	Discovery Grants	Catabolic capabilities of endophytic bacteria	\$34,000.00
Gazzarrini, Sonia	Department of Biological Sciences	NSERC	Discovery Grants	Regulatory networks during developmental phase transitions and abiotic stresses	\$27,000.00

RESEARCH FUNDING, 2015–2016

FACULTY	DEPARTMENT	SPONSOR	PROGRAM	TITLE OF RESEARCH PROJECT	AWARDED
Goldstein, Michael	Department of Computer & Mathematical Sciences	NSERC	Discovery Grants	Integrable systems of PDE with quasi-periodic initial data	\$20,000.00
Gonzalez-Navarro, Marco	Department of Management	Connaught Fund	New Researcher Award	Subways and urban growth	\$9,690.00
Gonzalez-Navarro, Marco	Department of Management	SSHRC	Insight Grant	Subway systems and urban air pollution	\$17,998.00
Gough, William	Department of Physical & Environmental Sciences	Network of Centres of Excellence of Canada: ArcticNet	Discovery Grants	Community vulnerability, resilience and adaptation to climate change in the Canadian Arctic	\$10,000.00
Gough, William	Department of Physical & Environmental Sciences	NSERC	Operating Grant	Climate change impacts in the Hudson Bay region	\$21,800.00
Han, Ju Hui	Department of Human Geography	Max Planck Institute for the Study of Religious and Ethnic Diversity	Operating Grant	Urban aspirations in Seoul: Religion and megacities in comparative studies	\$31,937.50
Harrison, Rene	Department of Biological Sciences	Canadian Space Agency	Open Operating	Using simulated microgravity to understand bone loss and develop countermeasures in space	\$62,700.00
Harrison, Rene	Department of Biological Sciences	CIHR	Operating Grant	Subversion of host epithelial cell processes by chlamydia infection	\$122,868.00
Harrison, Rene	Department of Biological Sciences	NSERC	Discovery Grants	Trafficking of procollagen in osteoblasts	\$32,000.00
Hasler, Michael Nicolas	Department of Management	Connaught Fund	New Researcher Award	Model disagreement and the term structures of risk premia and volatility	\$9,980.00
Hirst, Graeme	Department of Computer & Mathematical Sciences	NSERC	Discovery Grants	Applied computational models of discourse, argument, and text	\$54,000.00
Hoffmann, Matthew	Department of Political Science	SSHRC	Insight Grant	Transformative policy pathways toward decarbonization	\$89,900.00
Howard, Kenneth	Department of Physical & Environmental Sciences	NSERC	Discovery Grants	Impacts of climate change on groundwater in coastal cities	\$22,000.00
Hubner, Karolina	Department of Philosophy	SSHRC	Insight Grant	Spinoza on Being	\$12,176.00
Hutcherson, Cendri Anne Claire	Department of Psychology	SSHRC	Insight Grant	Why are people generous: New model-based approaches to long-standing questions	\$19,946.00
Inbar, Yoel	Department of Psychology	Connaught Fund	New Researcher Award	Moralized opposition to genetically modified food	\$10,000.00
Inzlicht, Michael	Department of Psychology	NSERC	Discovery Grants	Is negative affect necessary for cognitive control? Toward an affect alarm framework of control	\$33,386.00

FACULTY	DEPARTMENT	SPONSOR	PROGRAM	TITLE OF RESEARCH PROJECT	AWARDED
Inzlicht, Michael	Department of Psychology	SSHRC	Insight Grant	What is ego depletion? Testing the process model of self-control failure	\$55,485.00
Isaac, Marney Elizabeth	Department of Physical & Environmental Sciences	CFI	NSERC Tier 2 – Canada Research Chair	Carbon and nitrogen analysis in agroecology	\$8,181.00
Isaac, Marney Elizabeth	Department of Physical & Environmental Sciences	NSERC	Discovery Grants	Biophysical interactions in agricultural environments across edaphic gradients	\$22,000.00
Ito Lee, Rutsuko	Department of Psychology	NSERC	Discovery Grants	Delineating cortico-limbic-striatal circuits in reward and punishment: segregation and integration	\$24,000.00
Izmaylov, Artur	Department of Physical & Environmental Sciences	NSERC	Discovery Grants	New computational approaches for quantum dynamics of large systems	\$35,000.00
Jeffrey, Lisa	Department of Computer & Mathematical Sciences	NSERC	Discovery Grants	Symplectic geometry	\$42,000.00
Joordens, Steve	Department of Psychology	Enable Training and Consulting Inc.	Research Contract	Assessing the pedagogical values of LabMS	\$18,000.00
Joordens, Steve	Department of Psychology	NSERC	Discovery Grants	The perceptual fusion procedure: a new tool of word recognition	\$24,000.00
Kang, Yoon Jung	Centre for French & Linguistics	SSHRC	Insight Grant	Bilingualism, perceptual drift, and regularization of loanwords	\$61,687.00
Kang, Yoon Jung	Centre for French & Linguistics	SSHRC	University of Toronto Excellence Award – SSH	Bilingualism, perceptual drift, and regularization of loanwords	\$6,000.00
Kepe, Thembela	Department of Human Geography	SSHRC	Insight Grant	More money for fewer people: Exploring the role of the state, market and community in South Africa's land redistribution strategy	\$54,550.00
Kerman, Kagan	Department of Physical & Environmental Sciences	NSERC	Discovery Grants	Bioelectrochemistry of surfaces and interfaces	\$45,000.00
Kingston, Paul	Department of Political Science	SSHRC/University of British Columbia	SSHRC PG Subgrant	Participedia: a global partnership to create and mobilize knowledge about democratic innovations	\$7,500.00
Kohn, Margaret	Department of Political Science	SSHRC	Insight Grant	Spaces of civil disobedience: From sanctuary to occupy	\$23,200.00
Kohn, Margaret	Department of Political Science	SSHRC	Connection Grant	Approaches to public goods: solidarity and social justice	\$10,952.00
Koudas, Nick	Department of Computer & Mathematical Sciences	NSERC	Discovery Grants	Efficient query processing and optimization for big data workloads	\$60,000.00
Koudas, Nick	Department of Computer & Mathematical Sciences	NSERC	Collaborative R&D Grants (operating)	An incremental data management system for big data analytics	\$41,620.00
Kraatz, Heinz-Bernhard	Department of Physical & Environmental Sciences	NSERC	Discovery Grants	Exploring the chemistry of ferrocene bioconjugates	\$90,000.00

FACULTY	DEPARTMENT	SPONSOR	PROGRAM	TITLE OF RESEARCH PROJECT	AWARDED
Kraatz, Heinz-Bernhard	Department of Physical & Environmental Sciences	NSERC/Queen's University	NSERC Strategic Grant Subgrant	Supported catalysts for sustainable water oxidation: Completing the cycle for generation of hydrogen from water.	\$30,000.00
Krashinsky, Harry	Department of Management	SSHRC	University of Toronto Excellence Award – SSH	Was CARS a total clunker?	\$6,000.00
Kronzucker, Herbert	Department of Biological Sciences	NSERC	Discovery Grants	Physiology and toxicology of ion fluxes in plant roots	\$59,000.00
Landolt, Patricia	Department of Sociology	SSHRC/York University	SSHRC Insight Grant Subgrant	New and old fault lines in the Canadian labour market: the temporal and institutional dynamics of citizenship, legal status and work	\$5,000.00
Li, Nan	Department of Management	Connaught Fund	New Researcher Award	Labour skill disclosure and implications for innovation and growth	\$10,000.00
Lovejoy, Nathan Richard	Department of Biological Sciences	CFI	Leaders Opportunity Fund	Establishment of a laboratory for research on the evolutionary genetics of animal behaviour	\$160,328.38
Lovejoy, Nathan Richard	Department of Biological Sciences	NSERC	Discovery Grants	Phylogenetics, biogeography, and evolution of fishes	\$32,000.00
Lovejoy, Nathan Richard	Department of Biological Sciences	NSERC	University of Toronto Excellence Award – NSE	Ontogeny and physiology of muscle biomechanics in durophagous stingrays	\$4,875.00
Lovejoy, Nathan Richard	Department of Biological Sciences	Ontario Ministry of Research, Innovation and Science	Leaders Opportunity Fund	Establishment of a laboratory for research on the evolutionary genetics of animal behaviour	\$160,327.42
Lovejoy, Nathan Richard	Department of Biological Sciences	NSF/University of Central Florida	National Science Foundation (NSF) Subgrant	Aquatic faunal survey of the lower Amazon	\$53,029.42
Lowman, Julian	Department of Physical & Environmental Sciences	NSERC	Discovery Grants	Planetary mantle dynamics	\$30,000.00
MacIellan, James	Department of Physical & Environmental Sciences	MITACS	Accelerate Ontario	Development of innovative approaches to assess health effects of transportation infrastructure projects	\$15,000.00
Mandrak, Nicholas	Department of Biological Sciences	CFI	John R. Evans Leaders Fund	Biodiversity and conservation of freshwater fishes laboratory	\$80,000.00
Mandrak, Nicholas	Department of Biological Sciences	CFI	John R. Evans Leaders Fund	Biodiversity and conservation of freshwater fishes	\$24,000.00
Mandrak, Nicholas	Department of Biological Sciences	Fisheries & Oceans Canada	Operating Grant	DFO-UT Academic Research Contribution Agreement	\$150,000.00
Mandrak, Nicholas	Department of Biological Sciences	MITACS	Accelerate Ontario	Transportation infrastructure improvements for wildlife protection and economic productivity	\$15,000.00
Mandrak, Nicholas	Department of Biological Sciences	NSERC	Discovery Grants	Biodiversity, biogeography, and conservation of freshwater fishes	\$27,000.00

FACULTY	DEPARTMENT	SPONSOR	PROGRAM	TITLE OF RESEARCH PROJECT	AWARDED
Mandrak, Nicholas	Department of Biological Sciences	Ontario Ministry of Research, Innovation and Science	John R. Evans Leaders Fund	Biodiversity and conservation of freshwater fishes laboratory	\$80,000.00
Mandrak, Nicholas	Department of Biological Sciences	Ontario Ministry of the Environment and Climate Change	Operating Grant	Science in support of protocol development for detection and monitoring of wetland fishes at risk	\$22,500.00
Mandrak, Nicholas	Department of Biological Sciences	NSERC/University of Guelph	NSERC Collaborative Project Subgrant	Multiple stressors and cumulative effects in the Great Lakes	\$76,600.00
Mason, Andrew	Department of Biological Sciences	NSERC	Discovery Grants	Sensory processing, perception and communication in simple nervous systems	\$40,000.00
Mccarthy, Julie	Department of Management	SSHRC	Insight Grant	Personnel selection through the lens of job applicants: Leveraging test reactions	\$27,235.00
Mcelheran, Kristina S.	Department of Management	Connaught Fund	New Researcher Award	Information technology and productivity in firms	\$10,000.00
Mcgowan, Patrick	Department of Biological Sciences	NSERC	Discovery Grants	Perinatal stress and brain function	\$31,000.00
Mcgowan, Patrick	Department of Biological Sciences	Ontario Ministry of Research, Innovation and Science	Early Research Award	The role of stress in the biology of gene-environment interactions	\$110,528.12
Mcgowan, Patrick	Department of Biological Sciences	Solve ME/CFS Initiative	Subgrant Falk Med Research Trust	Delineating ME/CFS heterogeneity using the DNA methylome	\$314,665.46
Mcgowan, Patrick	Department of Biological Sciences	U.S. Dept of Defence	Gulf War Illness Research Program	Epigenetic mediation of endocrine and immune response in an animal model of gulf war illness	\$194,634.83
McLeod, Kenneth	Department of Arts, Culture & Media	SSHRC	Insight Grant	Driving identity: popular music and automobile culture	\$12,778.00
Menou, Kristen	Department of Physical & Environmental Sciences	NSERC	Discovery Grants	Atmospheres and climates of exoplanets	\$45,000.00
Mitchell, Carl	Department of Physical & Environmental Sciences	NSERC	Discovery Grants	Hydro-biogeochemical interactions and contaminant transport in urban ecosystems	\$33,000.00
Mitchell, Carl	Department of Physical & Environmental Sciences	University of Minnesota	Minnesota Pollution Control Agency Subcontract	Identifying causes of high mercury in fish	\$112,842.00
Mollett, Sharlene	Department of Human Geography	SSHRC	Insight Development Grant	Gender and the making of residential tourism space in Panama	\$27,440.00
Molloy, Michael	Department of Computer & Mathematical Sciences	NSERC	Discovery Grants	Probabilistic graph theory and random constraint satisfaction problems	\$62,000.00

FACULTY	DEPARTMENT	SPONSOR	PROGRAM	TITLE OF RESEARCH PROJECT	AWARDED
Molnar, Peter Kalman	Department of Biological Sciences	Network of Centres of Excellence of Canada: ArcticNet	Operating Grant	Monitoring and managing muskox health for food security and ecosystem and socio-economic resilience: integrating traditional, local, and scientific knowledge	\$6,000.00
Monahan, Philip Joseph	Centre for French & Linguistics	SSHRC	Insight Development Grant	Exploring speech sound representations: Features and categories in monolingual and bilingual speakers	\$31,658.00
Nash, Joanne	Department of Biological Sciences	Glaucoma Research Society	Operating Grant	Determination of the neuroprotective potential of TCAP-1 in an in vitro model of glaucoma	\$15,000.00
Nash, Joanne	Department of Biological Sciences	NSERC	Discovery Grants	PSD-MAGUKs in the striatum	\$36,000.00
Nash, Joanne	Department of Biological Sciences	NSERC	Discovery Grants	Understanding the molecular mechanisms underlying motor control	\$36,000.00
Nash, Joanne	Department of Biological Sciences	The Michael J. Fox Foundation	Operating Grant	Further validation of SIRT3 as a disease modifying agent in Parkinson's disease	\$156,038.15
Nestor, Adrian R.	Department of Psychology	NSERC	Discovery Accelerator Supplements	A neurocomputational investigation of human face processing	\$40,000.00
Nestor, Adrian R.	Department of Psychology	NSERC	Discovery Grants	A neurocomputational investigation of human face processing	\$31,000.00
Niemeier, Matthias	Department of Psychology	NSERC	Discovery Grants	Neural and cognitive mechanisms of predictive coding and their interactions for perception and action	\$28,000.00
Pilcher, Jeffrey	Department of Historical & Cultural Studies	SSHRC	Insight Grant	Tasting the global city: Multicultural histories of Toronto's cuisines	\$13,570.00
Reid, Stephen	Department of Biological Sciences	NSERC	Discovery Grants	Respiratory control systems in amphibians	\$25,000.00
Rein, Hanno	Department of Physical & Environmental Sciences	NSERC	Discovery Grants	Formation of multi-planetary systems in the Kepler era	\$24,000.00
Richards, Blake	Department of Biological Sciences	CFI	John R. Evans Leaders Fund	Towards an integrated picture of sensory learning in neural circuits	\$45,000.00
Richards, Blake	Department of Biological Sciences	Human Frontier Science Program Organization	Young Investigators Grants	An integrated multi-level investigation of neural codes in sensory processing	\$154,616.16
Richards, Blake	Department of Biological Sciences	NSERC	Discovery Grants	Uncovering the neurobiology of combined supervised and unsupervised learning	\$29,000.00
Riggs, Charles	Department of Biological Sciences	NSERC	Discovery Grants	Structural and functional studies of nuclear organization, chromatin and chromosome behaviour during nuclear division	\$30,000.00
Rosselet, Alan	Department of Computer & Mathematical Sciences	MITACS	Accelerate Ontario	Re-architecture of sidefx.com	\$30,000.00
Roy, Daniel	Department of Computer & Mathematical Sciences	Amazon Develop Center Germany GmbH	Research Contract	Amazon Postdoc (Agreement #2015-1290)	\$88,156.77

FACULTY	DEPARTMENT	SPONSOR	PROGRAM	TITLE OF RESEARCH PROJECT	AWARDED
Roy, Daniel	Department of Computer & Mathematical Sciences	Columbia University New York	Subgrant: U.S. Air Force Office of Scientific Research	Statistical models of graph and relational data from probabilistic symmetries	\$181,779.00
Roy, Daniel	Department of Computer & Mathematical Sciences	Connaught Fund	New Researcher Award	Advancing Probabilistic Programming	\$10,000.00
Roy, Daniel	Department of Computer & Mathematical Sciences	NSERC	Discovery Grants	NSERC Individual Discovery Grant	\$29,000.00
Roy, Daniel	Department of Computer & Mathematical Sciences	The Royal Society of Canada	Newton International Fellowship	Newton Fellowship Alumni Fund	\$9,207.23
Ruocco, Anthony Charles	Department of Psychology	CIHR	Open Operating	Neurocognitive intermediate phenotypes in borderline personality disorder: a family study	\$61,844.00
Ruocco, Anthony Charles	Department of Psychology	CIHR	New Investigator Award	Isolating neurocognitive intermediate phenotypes in borderline personality disorder	\$60,000.00
Ruocco, Anthony Charles	Department of Psychology	Ontario Ministry of Research, Innovation and Science	Early Research Award	Neural systems dysfunctions underlying impulse control in borderline personality disorder	\$140,000.00
Salakhutdinov, Ruslan	Department of Computer & Mathematical Sciences	NSERC	Discovery Grants	Learning hierarchical models: Theory and applications	\$20,000.00
Schmuckler, Mark	Department of Psychology	NSERC	Discovery Grants	Perceptual motor coupling in obvious and non-obvious domains/Tonality and melody in music cognition	\$24,000.00
Schroeder, Bianca	Department of Computer & Mathematical Sciences	NSERC	Discovery Accelerator Supplements	Reliable and energy-efficient next-generation data centres	\$40,000.00
Schroeder, Bianca	Department of Computer & Mathematical Sciences	NSERC	Discovery Grants	Reliable and energy-efficient next-generation data centres	\$36,000.00
Schroeder, Bianca	Department of Computer & Mathematical Sciences	Ontario Ministry of Research, Innovation and Science	Early Research Award	Reliable and energy-efficient next-generation data centres	\$73,371.20
Segal, Zindel	Department of Psychology	CIHR	Open Operating	Neural markers of depressive relapse vulnerability and their modification	\$84,469.00
Segal, Zindel	Department of Psychology	National Institutes of Health	Operating Grant-R01	Reducing residual depressive symptoms with web-based mindful mood balance	\$1,013,158.85
Silver, Michelle	Department of Anthropology	Connaught Fund	New Researcher Award	The Academic Physician Retirement Project	\$10,000.00
Silver, Michelle	Department of Anthropology	MITACS	Accelerate Ontario	The Academic Physician Retirement Project	\$80,000.00
Simpson, Andre	Department of Physical & Environmental Sciences	NSERC	Discovery Grants	Development of flow-based and magic angle spinning in-vivo NMR to understand environmental stress	\$68,000.00

FACULTY	DEPARTMENT	SPONSOR	PROGRAM	TITLE OF RESEARCH PROJECT	AWARDED
Simpson, Andre	Department of Physical & Environmental Sciences	Ontario Ministry of the Environment and Climate Change	Research Grants	Understanding microcystin levels in Ontario	\$55,000.00
Simpson, Myrna	Department of Physical & Environmental Sciences	Krembil Foundation	Operating Grant	Bioindicators research	\$266,250.00
Simpson, Myrna	Department of Physical & Environmental Sciences	Network of Centres of Excellence of Canada: ArcticNet	Subgrant	Water security and quality in a changing Arctic	\$13,000.00
Simpson, Myrna	Department of Physical & Environmental Sciences	NSERC	Discovery Grants	Molecular biogeochemistry of soil organic matter with environmental change	\$50,000.00
Simpson, Myrna	Department of Physical & Environmental Sciences	NSERC	Discovery Accelerator Supplements	Molecular biogeochemistry of soil organic matter with environmental change	\$40,000.00
Simpson, Myrna	Department of Physical & Environmental Sciences	Ontario Ministry of the Environment and Climate Change	Research Grants	Developing nuclear magnetic resonance and mass spectrometric techniques for Great Lakes exposure and effects assessments	\$74,700.00
Simpson, Myrna	Department of Physical & Environmental Sciences	NSERC/Queen's University	NSERC Collaborative Research Project	Arctic Development and Adaptation to Permafrost in Transition (ADAPT)	\$10,000.00
Simpson, Myrna	Department of Physical & Environmental Sciences	NSERC/University of British Columbia	NSERC Collaborative Research Project	The potential of retention trees to mitigate post-harvest soil carbon loss through reduction of root and soil organic matter decomposition mediated by the fungal community	\$22,000.00
Skogstad, Grace	Department of Political Science	Network of Centres of Excellence of Canada: BioFuelNet	Operating Grant	Pathways to reducing policy uncertainty in sustainable biofuels governance	\$38,410.00
Sorensen, Andre	Department of Human Geography	SSHRC	Insight Grant	Urbanization, planning and developmental states in comparative historical perspective	\$7,056.00
Tanner, Julian	Department of Sociology	SSHRC	Insight Grant	Youth and Guns in Toronto	\$61,353.00
Terebiznik, Mauricio	Department of Biological Sciences	AbCelex Technologies Inc.	Engage Grants Program	Characterization of the mechanism of action of nanobodies that interfere with the infection of chicken gut epithelial cells by salmonella	\$7,000.00
Terebiznik, Mauricio	Department of Biological Sciences	NSERC	Discovery Grants	Phagocytosis filamentous targets	\$36,000.00
Terebiznik, Mauricio	Department of Biological Sciences	NSERC	Engage Grants Program	Characterization of the mechanism of action of nanobodies that interfere with the infection of chicken gut epithelial cells by salmonella	\$25,000.00
Terebiznik, Mauricio	Department of Biological Sciences	Ontario Lung Association	Operating Grant	Molecular mediators of the binding of Legionella pneumophila to lung epithelial cells	\$48,000.00
Thiele, Tod	Department of Biological Sciences	CFI	John R. Evans Leaders Fund	Elucidating the structure and function of zebrafish sensorimotor circuits using optogenetic and behavioural approaches	\$337,560.00

FACULTY	DEPARTMENT	SPONSOR	PROGRAM	TITLE OF RESEARCH PROJECT	AWARDED
Thiele, Tod	Department of Biological Sciences	CFI	John R. Evans Leaders Fund	Elucidating the structure and function of zebrafish sensorimotor circuits using optogenetic and behavioural approaches	\$101,268.00
Thiele, Tod	Department of Biological Sciences	Ontario Ministry of Research, Innovation and Science	John R. Evans Leaders Fund	Elucidating the structure and function of zebrafish sensorimotor circuits using optogenetic and behavioural approaches	\$337,560.00
Treanor, Bebhinn Lucy	Department of Biological Sciences	CIHR	Open Operating	Molecular mechanisms regulating B cell signalling and activation	\$120,896.00
Treanor, Bebhinn Lucy	Department of Biological Sciences	CIHR	Request for Applications (RFA) Operating	Bhagirath Singh Early Career Award	\$25,000.00
Treanor, Bebhinn Lucy	Department of Biological Sciences	NSERC	Discovery Grants	The role of glycan-gatectin interactions in regulating B cell signalling and activations	\$33,000.00
Trougakos, John Peter	Department of Management	SSHRC	Insight Grant	Why are we not taking our breaks? Examining predictors of employee work break choices	\$37,245.00
Tsuji, Leonard	Department of Anthropology	CIHR	Doctoral Research Awards	Nicole Frances Spiegelhaar – Doctoral Banting and Best CGS – Integrating traditional ecological knowledge and local resources with agroforestry stewardship practices to enhance food security in sub-arctic First Nations	\$36,000.00
Tsuji, Leonard	Department of Anthropology	CIHR	Open Operating	Utilizing indigenous knowledge and western science as complementary constructs: The synchronization of traditional harvesting activities and agroforestry community gardens to form a sustainable import-substitution	\$146,207.00
Tsuji, Leonard	Department of Anthropology	CIHR	Open Operating	Increasing the adaptive capacity of subarctic and Arctic Aboriginal people to environmental change through environmental monitoring, modelling, and health planning: the use of innovative, web-based, informatics tools	\$100,000.00
Tsuji, Leonard	Department of Anthropology	CIHR	Open Operating	From the northern edge of subarctic Canada to the subtropics of Australia: Improving food security and wellbeing in Indigenous communities through agroforestry stewardship practices using Indigenous knowledge and western science as complementary constructs	\$100,000.00
Tsuji, Leonard	Department of Anthropology	CIHR	Request for Applications (RFA) Team Grant	Resource Development in Subarctic Canada and the Subtropics of Australia: An evaluation of existing environment-and-health mitigation strategies using two-eyed seeing	\$49,860.00
Tsuji, Leonard	Department of Anthropology	SSHRC	Insight Grant	From subarctic Ontario, Canada, to the subtropics of New South Wales, Australia: the potential use of strategic environmental assessment to protect the core elements of Indigenous culture	\$39,704.00

FACULTY	DEPARTMENT	SPONSOR	PROGRAM	TITLE OF RESEARCH PROJECT	AWARDED
Tsuji, Leonard	Department of Anthropology	EPA/University of Massachusetts	Environmental Protection Agency (EPA) Subgrant	Subsistence hunting and associated activities of Native North Americans in remote communities: Measurement of indoor air quality in tents as related to wood-smoke exposures, and the identification of potential health risks	\$16,774.78
Valencia, Diana	Department of Physical & Environmental Sciences	NSERC	Discovery Grants	Formation and evolution of super-earths and sub-Neptune planets	\$19,000.00
Vanlerberghe, Greg	Department of Biological Sciences	NSERC	Discovery Grants	Alternative oxidase of plant mitochondria	\$40,000.00
Vanlerberghe, Greg	Department of Biological Sciences	Ontario Ministry of Natural Resources and Forestry	Operating Grant	Conservation genetics of the endangered Queensnake (<i>Regina septemvittata</i>) in Ontario	\$29,000.00
Vernon, Karina Joan	Department of English	SSHRC	Insight Grant	Black Canadian art and the aesthetics of spatial justice	\$14,736.00
Virag, Balint	Department of Computer & Mathematical Sciences	NSERC	Discovery Grants	Random eigenvalues	\$38,000.00
Wania, Frank	Department of Physical & Environmental Sciences	Aboriginal Affairs and Northern Development Canada	Northern Contaminants Program	Quantifying the effect of transient and permanent dietary transitions in the north on human exposure to persistent organic pollutants and mercury	\$39,100.00
Wania, Frank	Department of Physical & Environmental Sciences	Environment Canada	Research	Method Development to Provide Spatially-resolved Atmospheric Mercury Concentration Data in the Arctic	\$72,000.00
Wania, Frank	Department of Physical & Environmental Sciences	Environment Canada	Operating Contract	Multimedia mass balance modelling studies of semivolatile organic contaminants (SVOCs) emitted by oilsands operations within the Athabasca Oilsands region (AOSR)	\$30,000.00
Wania, Frank	Department of Physical & Environmental Sciences	NSERC	Discovery Grants	Theoretical and experimental approaches to describe the chemodynamics of hydrophobic organics, ionogenic organics and methyl mercury in the food chain	\$89,000.00
Wania, Frank	Department of Physical & Environmental Sciences	NSERC	Strategic Grants	A passive air sampler for precise, spatially distributed atmospheric mercury monitoring and source characterization	\$57,000.00
Wania, Frank	Department of Physical & Environmental Sciences	NSERC	University of Toronto Excellence Award – NSE	Predicting phase partitioning equilibria of the oxidation products of VOCs involved in SOA formation	\$4,875.00
Way, Lucan Alan	Department of Political Science	SSHRC	Insight Grant	Revolutionary struggle and authoritarian durability after the Cold War	\$7,250.00
Wei, Jason	Department of Management	SSHRC	Insight Grant	Does active trading enhance or destroy firm value?	\$21,450.00
Weir, Jason Tyler	Department of Biological Sciences	NSERC	Discovery Accelerator Supplements	The biogeographic drivers and genomic architecture of speciation in Amazonian birds	\$31,000.00

FACULTY	DEPARTMENT	SPONSOR	PROGRAM	TITLE OF RESEARCH PROJECT	AWARDED
Welch Jr., Kenneth Collins	Department of Biological Sciences	NSERC	Discovery Grants	Divergent mechanisms, convergent phenotype: the comparative physiology of glucose and fructose oxidation in vertebrate nectarivores	\$28,000.00
Wells, Mathew	Department of Physical & Environmental Sciences	MITACS	MITACS-Elevate (PDF)	Integrated hydrodynamic and ecological modelling framework for the Toronto Waterfront	\$57,500.00
Wells, Mathew	Department of Physical & Environmental Sciences	NSERC	Discovery Accelerator Supplements	Transport and mixing of particles in stratified environmental flows	\$41,000.00
Young, Robert Ji Wai	Department of Computer & Mathematical Sciences	NSERC	Discovery Grants	Asymptotic geometry, filling functions and non-positive curvature	\$16,000.00
Zakzanis, Konstantine	Department of Psychology	MITACS	Accelerate Ontario	UTSC/MHS/RREES inter-disciplinary assessment and Rehabilitation Centre for Excellence	\$30,000.00
Zhao, Rongmin	Department of Biological Sciences	NSERC	Discovery Grants	UTSC/MHS/RREES inter-disciplinary assessment and Rehabilitation Centre for Excellence	\$26,000.00

SELECT PUBLISHED WORKS, 2015–2016

(This is a non-comprehensive list.)

KEY

Boldface: U of T Scarborough contributor

Articles (619)

1. Abért, M., Glasner, Y., & **Virág, B.** (2016). The measurable kesten theorem. *Annals of Probability*, 44(3), 1601–1646.
2. Achlioptas, D., & **Molloy, M.** (2015). The solution space geometry of random linear equations. *Random Structures and Algorithms*, 46(2), 197–231.
3. Ackerberg, D.A., Caves, K., & **Frazer, G.** (2015). Identification properties of recent production function estimators. *Econometrica*, 83(6), 2411–2451.
4. Adhikari, B., Singh, C., Shah, A., Lough, A.J., & **Kraatz, H.-B.** (2015). Amino acid chirality and ferrocene conformation guided self-assembly and gelation of ferrocene-peptide conjugates. *Chemistry*, 21(32), 11560–11572. <http://dx.doi.org/10.1002/chem.201501395>
5. Afrasiabi, R., & **Kraatz, H.-B.** (2015). Rational design and application of a redox-active, photoresponsive, discrete metallogelator. *Chemistry*, 21(21), 7695–7700.
6. Agarwal, R., Campbell, B.A., **Franco, A.M.**, & Ganco, M. (2016). What do I take with me? The mediating effect of spin-out team size and tenure on the founder-firm performance relationship. *Academy of Management Journal*, 59(3), 1060–1087.
7. **Aggarwal, P.**, & Zhao, M. (2015). Seeing the big picture: The effect of height on the level of construal. *Journal of Marketing Research*, 52(1), 120–133.
8. **Ahmad, A.** (2015). The security bazaar: Business interests and Islamist power in civil war Somalia. *International Security*, 39(3), 89–117.
9. **Ahmad, A.** (2016). Going global: Islamist competition in contemporary civil wars. *Security Studies*, 25(2), 353–384.
10. Ahmad, K., Rauf, A., Shah, A., Khan, S.U.-D., Rana, U.A., Hussain, H., **Kraatz, H.-B.** (2015). pH- and temperature-responsive redox behavior of hydroxyanthracenediones. *Comptes Rendus Chimie*, 18(8), 823–833.
11. Ainslie, A., & **Kepe, T.** (2016). Understanding the resurgence of traditional authorities in post-apartheid South Africa. *Journal of Southern African Studies*, 42(1), 19–33.
12. Akhter, M., Dutta Majumdar, R., Fortier-McGill, B., Soong, R., Liaghati-Mobarhan, Y., **Simpson, M.**, **Simpson, A.J.** (2016). Identification of aquatically available carbon from algae through solution-state NMR of whole ¹³C-labelled cells. *Analytical and Bioanalytical Chemistry*, 408(16), 4357–4370.
13. Al-Dajani, N., Gralnick, T.M., & **Bagby, R.M.** (2016). A psychometric review of the personality inventory for DSM-5 (PID-5): Current status and future directions. *Journal of Personality Assessment*, 98(1), 62–81.
14. Alves Filho, E.G., Sartori, L., Silva, L.M.A., Silva, B.F., Fadini, P.S., **Simpson, A.**, Soong, R., ... Ferreira, A.G. (2015). Non-targeted analyses of organic compounds in urban wastewater. *Magnetic Resonance in Chemistry*, 53(9), 704–710.
15. Amini, K., Ebralidze, I.I., Chan, N.W.C., & **Kraatz, H.-B.** (2016). Characterization of TLR4/MD-2–modified Au sensor surfaces towards the detection of molecular signatures of bacteria. *Analytical Methods*, 8(42), 7623–7631.
16. Amir, G., Angel, O., Bon, N.M., & **Virág, B.** (2016). The Liouville property for groups acting on rooted trees. *Annales de l'Institut Henri Poincaré Probability and Statistics*, 52(4), 1763–1783.
17. Anderson, J.L., Sellbom, M., Ayeast, L., Quilty, L.C., Chmielewski, M., & **Bagby, R.M.** (2015). Associations between DSM-5 section III personality traits and the Minnesota Multiphasic Personality Inventory 2–restructured form (MMPI-2-RF) scales in a psychiatric patient sample. *Psychological Assessment*, 27(3), 801–815.
18. Andrei, D., & **Hasler, M.** (2015). Investor attention and stock market volatility. *Review of Financial Studies*, 28(1), 33–72.
19. **Aretakis, S.** (2015). Horizon instability of extremal black holes. *Advances in Theoretical and Mathematical Physics*, 19(3), 507–530.
20. **Aretakis, S.** (2015). On a foliation-covariant elliptic operator on null hypersurfaces. *International Mathematics Research Notices*, 2015(15), 6433–6469.
21. **Arhonditsis, G.B.**, Kim, D.-K., Shimoda, Y., Zhang, W., Watson, S., Mugalingam, S., ... Kalinauskas, R. (2016). Integration of best management practices in the Bay of Quinte watershed with the phosphorus dynamics in the receiving waterbody: What do the models predict? *Aquatic Ecosystem Health and Management*, 19(1), 1–18.
22. Armstrong, C., & **Rein, H.** (2015). High-order harmonics in light curves of Kepler planets. *Monthly Notices of the Royal Astronomical Society: Letters*, 453(1), L98–L102.
23. **Armstrong, B.C.**, & Plaut, D.C. (2016). Disparate semantic ambiguity effects from semantic processing dynamics rather than qualitative task differences. *Language, Cognition and Neuroscience*, 31(7), 940–966.
24. **Armstrong, B.C.**, Ruiz-Blondet, M.V., Khalifian, N., Kurtz, K.J., Jin, Z., & Laszlo, S. (2015). Brainprint: Assessing the uniqueness, collectability, and permanence of a novel method for ERP biometrics. *Neurocomputing*, 166, 59–67.
25. **Armstrong, B.C.**, Zugarramurdi, C., Cabana, Á., Valle Lisboa, J., & Plaut, D.C. (2016). Relative meaning frequencies for 578 homonyms in two Spanish dialects: A cross-linguistic extension of the English eDom norms. *Behavior Research Methods*, 48(3), 950–962.
26. Arnold, A.E.G.F., Iaria, G., & **Goghari, V.M.** (2016). Efficacy of identifying neural components in the face and emotion processing system in schizophrenia using a dynamic functional localizer. *Psychiatry Research: Neuroimaging*, 248, 55–63.
27. Auld, G., **Renckens, S.**, & Cashore, B. (2015). Transnational private governance between the logics of empowerment and control. *Regulation and Governance*, 9(2), 108–124.
28. **Averbakh, I.**, Berman, O., Kalcsics, J., & Krass, D. (2015). Structural properties of Voronoi diagrams in facility location problems with continuous demand. *Operations Research*, 63(2), 394–411.

29. Averbakh, I., & Pereira, J. (2015). Network construction problems with due dates. *European Journal of Operational Research*, 244(3), 715–729.
30. Backhausz, Á., Szegedy, B., & Virág, B. (2015). Ramanujan graphings and correlation decay in local algorithms. *Random Structures and Algorithms*, 47(3), 424–435.
31. Baergen, A.M., & Donaldson, D.J. (2016). Formation of reactive nitrogen oxides from urban grime photochemistry. *Atmospheric Chemistry and Physics*, 16(10), 6355–6363.
32. Baergen, A.M., Styler, S.A., van Pinxteren, D., Müller, K., Herrmann, H., & Donaldson, D.J. (2015). Chemistry of urban grime: Inorganic ion composition of grime vs particles in Leipzig, Germany. *Environmental Science and Technology*, 49(21), 12688–12696.
33. Barbeau, C.D., Oelbermann, M., Karagatzides, J.D., & Tsuji, L.J.S. (2015). Sustainable agriculture and climate change: Producing potatoes (*Solanum tuberosum* L.) and bush beans (*Phaseolus vulgaris* L.) for improved food security and resilience in a Canadian subarctic first nations community. *Sustainability*, 7(5), 5664–5681.
34. Bargaz, A., Isaac, M.E., Jensen, E.S., & Carlsson, G. (2016). Nodulation and root growth increase in lower soil layers of water-limited faba bean intercropped with wheat. *Journal of Plant Nutrition and Soil Science*, 179(4), 537–546.
35. Baruffaldi, L., & Andrade, M.C.B. (2015). Contact pheromones mediate male preference in black widow spiders: Avoidance of hungry sexual cannibals? *Animal Behaviour*, 102, 25–32.
36. Bässler, C., Cadotte, M.W., Beudert, B., Heibl, C., Blaschke, M., Bradtka, J.H., ... Müller, J. (2016). Contrasting patterns of lichen functional diversity and species richness across an elevation gradient. *Ecography*, 39(7), 689–698.
37. Bässler, C., Müller, J., Cadotte, M.W., Heibl, C., Bradtka, J.H., Thorn, S., & Halbwachs, H. (2016). Functional response of lignicolous fungal guilds to bark beetle deforestation. *Ecological Indicators*, 65, 149–160.
38. Bastos, R., Pinhaçõs, A., Santos, M., Fernandes, R.F., Vicente, J.R., Morinha, F., ... Cadotte, M.W. (2016). Evaluating the regional cumulative impact of wind farms on birds: How can spatially explicit dynamic modelling improve impact assessments and monitoring? *Journal of Applied Ecology*, 53(5), 1330–1340.
39. Battram, N.M., Eyles, N., Lau, P.S., & Simpson, M.J. (2015). Organic matter biomarker analysis as a potential chemostratigraphic tool for late Pleistocene tills from the Hudson Bay lowlands, Canada. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 418, 377–385.
40. Behrmann, M., Lee, A.C.H., Geskin, J.Z., Graham, K.S., & Barense, M.D. (2016). Temporal lobe contribution to perceptual function: A tale of three patient groups. *Neuropsychologia*, 90, 33–45.
41. Bender, D.E., Corpi, D.J., & Walkowitz, D.J. (2015). Sound politics: Critically listening to the past. Editors' introduction. *Radical History Review*, 2015(121), 1–7.
42. Bergman, D., & Cire, A.A. (2016). Theoretical insights and algorithmic tools for decision diagram-based optimization. *Constraints*, 21(4), 533–556.
43. Bergman, D., Cire, A.A., & van Hoeve, W.-J. (2015). Lagrangian bounds from decision diagrams. *Constraints*, 20(3), 346–361.
44. Bergman, D., Cire, A.A., van Hoeve, W.-J., & Hooker, J.N. (2016). Discrete optimization with decision diagrams. *INFORMS Journal on Computing*, 28(1), 47–66.
45. Bernecker, S.L., Constantino, M.J., Atkinson, L.R., Bagby, R.M., Ravitz, P., & McBride, C. (2016). Attachment style as a moderating influence on the efficacy of cognitive-behavioral and interpersonal psychotherapy for depression: A failure to replicate. *Psychotherapy*, 53(1), 22–33.
46. Bersaglio, B., Enns, C., & Kepe, T. (2015). Youth under construction: The United Nations representations of youth in the global conversation on the post-2015 development agenda. *Canadian Journal of Development Studies*, 36(1), 57–71.
47. Bertrand, O.C., Amador-Mughal, F., & Silcox, M.T. (2016). Virtual endocasts of Eocene Paramys (Paramyinae): Oldest endocranial record for Rodentia and early brain evolution in Euarchontoglires. *Proceedings of the Royal Society B: Biological Sciences*, 283(1823).
48. Bertrand, O.C., Schillaci, M.A., & Silcox, M.T. (2016). Cranial dimensions as estimators of body mass and locomotor habits in extant and fossil rodents. *Journal of Vertebrate Paleontology*, 36(1).
49. Bertrand, O.C., & Silcox, M.T. (2016). First virtual endocasts of a fossil rodent: *Ischyromys typus* (Ischyromyidae, Oligocene) and brain evolution in rodents. *Journal of Vertebrate Paleontology*, 36(3).
50. Betini, G.S., Fitzpatrick, M.J., & Norris, D.R. (2015). Experimental evidence for the effect of habitat loss on the dynamics of migratory networks. *Ecology Letters*, 18(6), 526–534.
51. Biaggio, M.D., Sandomirsky, I., Lubin, Y., Harari, A.R., & Andrade, M.C.B. (2016). Copulation with immature females increases male fitness in cannibalistic widow spiders. *Biology Letters*, 12(9).
52. Binder, I., Goldstein, M., & Voda, M. (2015). On fluctuations and localization length for the Anderson model on a strip. *Journal of Spectral Theory*, 5(1), 193–225.
53. Binnington, M.J., Curren, M.S., Chan, H.M., & Wania, F. (2016). Balancing the benefits and costs of traditional food substitution by indigenous Arctic women of childbearing age: Impacts on persistent organic pollutant, mercury, and nutrient intakes. *Environment International*, 94, 554–566.
54. Binnington, M.J., Curren, M.S., Quinn, C.L., Armitage, J.M., Arnot, J.A., Chan, H.M., & Wania, F. (2016). Mechanistic polychlorinated biphenyl exposure modeling of mothers in the Canadian Arctic: The challenge of reliably establishing dietary composition. *Environment International*, 92–93, 256–268.
55. Binnington, M.J., & Wania, F. (2015). ET&C best paper of 2014. *Environmental Toxicology and Chemistry*, 34(7), 1443–1444.
56. Birn, A.E., & Hellander, I. (2016). Market-driven health care mess: The United States. *Cadernos De Saúde Pública*, 32(3).
57. Birn, A.E., Nervi, L., & Siqueira, E. (2016). Neoliberalism redux: The global health policy agenda and the politics of cooptation in Latin America and beyond. *Development and Change*, 47(4), 734–759.
58. Blumkin, L., Dutta Majumdar, R., Soong, R., Adamo, A., Abbatt, J.P.D., Zhao, R., ... Simpson, A.J. (2016). Development of an in situ NMR photoreactor to study environmental photochemistry. *Environmental Science and Technology*, 50(11), 5506–5516.

59. Bloch, J.I., Chester, S.G.B., & **Silcox, M.T.** (2016). Cranial anatomy of Paleogene Micromomyidae and implications for early primate evolution. *Journal of Human Evolution*, 96, 58–81.
60. Bloemendal, A., & **Virág, B.** (2016). Limits of spiked random matrices II. *Annals of Probability*, 44(4), 2726–2769.
61. Boyer, D.M., Kirk, E.C., **Silcox, M.T.**, Gunnell, G.F., Gilbert, C.C., Yapuncich, G.S., ... Seiffert, E.R. (2016). Internal carotid arterial canal size and scaling in Euarchonta: Re-assessing implications for arterial patency and phylogenetic relationships in early fossil primates. *Journal of Human Evolution*, 97, 123–144.
62. Breivik, K., Armitage, J.M., **Wania, F.**, Sweetman, A.J., & Jones, K.C. (2016). Tracking the global distribution of persistent organic pollutants accounting for e-waste exports to developing regions. *Environmental Science and Technology*, 50(2), 798–805.
63. Brenner, C.J., & **Inbar, Y.** (2015). Disgust sensitivity predicts political ideology and policy attitudes in the Netherlands. *European Journal of Social Psychology*, 45(1), 27–38.
64. Brett, M.T., Ahopelto, S.K., Brown, H.K., Brynstad, B.E., Butcher, T.W., Coba, E.E., **Arhonditsis, G.B.** (2016). The modeled and observed response of Lake Spokane hypolimnetic dissolved oxygen concentrations to phosphorus inputs. *Lake and Reservoir Management*, 32(3), 246–258.
65. **Brown, H.K.**, Cobigo, V., Lunsy, Y., Dennis, C.-L., & Vigod, S. (2016). Perinatal health of women with intellectual and developmental disabilities and comorbid mental illness. *Canadian Journal of Psychiatry*, 61(11), 714–723.
66. **Brown, H.K.**, Kirkham, Y.A., Cobigo, V., Lunsy, Y., & Vigod, S.N. (2016). Labour and delivery interventions in women with intellectual and developmental disabilities: A population-based cohort study. *Journal of Epidemiology and Community Health*, 70(3), 238–244.
67. **Brown, H.K.**, Lunsy, Y., Wilton, A.S., Cobigo, V., & Vigod, S.N. (2016). Pregnancy in women with intellectual and developmental disabilities. *Journal of Obstetrics and Gynaecology Canada*, 38(1), 9–16.
68. **Brown, H.K.**, Plourde, N., Ouellette-Kuntz, H., Vigod, S., & Cobigo, V. (2016). Brief report: Cervical cancer screening in women with intellectual and developmental disabilities who have had a pregnancy. *Journal of Intellectual Disability Research*, 60(1), 22–27.
69. **Brown, H.K.**, Speechley, K.N., Macnab, J., Natale, R., & Campbell, M.K. (2015). Biological determinants of spontaneous late preterm and early term birth: A retrospective cohort study. *BJOG*, 122(4), 491–499.
70. **Brown, H.K.**, Speechley, K.N., MacNab, J., Natale, R., & Campbell, M.K. (2016). Maternal, fetal, and placental conditions associated with medically indicated late preterm and early term delivery: A retrospective study. *BJOG*, 123(5), 763–770.
71. **Buchweitz, R.O.**, & Flenner, H. (2015). Strong global dimension of commutative rings and schemes. *Journal of Algebra*, 422, 741–751.
72. **Buchweitz, R.O.**, Leuschke, G.J., & Van Den Bergh, M. (2015). On the derived category of Grassmannians in arbitrary characteristic. *Compositio Mathematica*, 151(7), 1242–1264.
73. **Buchweitz, R.O.**, Leuschke, G.J., & Van Den Bergh, M. (2016). Non-commutative desingularization of determinantal varieties, II: Arbitrary minors. *International Mathematics Research Notices*, 2016(9), 2748–2812.
74. **Buchweitz, R.O.**, & Pike, B. (2016). Lifting free divisors. *Proceedings of the London Mathematical Society*, 112(5), 799–826.
75. **Buchweitz, R.O.**, & Roberts, C. (2015). The multiplicative structure on Hochschild cohomology of a complete intersection. *Journal of Pure and Applied Algebra*, 219(3), 402–428.
76. **Buckley, M.**, & Strauss, K. (2016). With, against and beyond Lefebvre: Planetary urbanization and epistemic plurality. *Environment and Planning D: Society and Space*, 34(4), 617–636.
77. **Bunce, S.** (2016). Pursuing urban commons: Politics and alliances in community land trust activism in East London. *Antipode*, 48(1), 134–150.
78. **Burchell, K.** (2015). Infiltrating the space, hijacking the platform: Pussy Riot, Sochi protests, and media events. *Participations: Journal of Audience and Reception Studies* 12(1), 659–676.
79. **Burchell, K.**, O'Loughlin, B., Gillespie, M., and Nieto, E. (2015). Soft power and its audiences: Tweeting the Olympics from London 2012 to Sochi 2014. *Participations: Journal of Audience and Reception Studies* 12(1), 413–437.
80. **Burchell, K.** (2015). Tasking the everyday: Where mobile and online communication take time. *Mobile Media and Communication*, 3(1), 36–52.
81. Bursley, J.K., **Nestor, A.R.**, Tarr, M.J., & Creswell, J.D. (2016). Awake, offline processing during associative learning. *PLoS One*, 11(4).
82. Cadger, K., Quaico, A.K., Dawoe, E., & **Isaac, M.E.** (2016). Development interventions and agriculture adaptation: A social network analysis of farmer knowledge transfer in Ghana. *Agriculture*, 6(3).
83. **Cadotte, M.W.** (2015). Phylogenetic diversity-ecosystem function relationships are insensitive to phylogenetic edge lengths. *Functional Ecology*, 29(5), 718–723.
84. **Campolieti, M.** (2015). Forecasting applications to disability insurance programs: Evidence for the Quebec Pension Plan Disability program. *Canadian Public Policy*, 41(3), 223–240.
85. **Campolieti, M.** (2015). Minimum wages and wage spillovers in Canada. *Canadian Public Policy*, 41(1), 15–34.
86. **Campolieti, M.** (2015). State dependence in the incidence of strikes: Evidence from Canadian contract data using Heckman's dynamic probit model. *Economics Letters*, 133, 7–9.
87. **Campolieti, M.**, Hebdon, R., & Dachis, B. (2016). Collective bargaining in the Canadian public sector, 1978–2008: The consequences of restraint and structural change. *British Journal of Industrial Relations*, 54(1), 192–213.
88. **Cant, J.S.**, Sun, S.Z., & Xu, Y. (2015). Distinct cognitive mechanisms involved in the processing of single objects and object ensembles. *Journal of Vision*, 15(4).
89. **Cant, J.S.**, & Xu, Y. (2015). The impact of density and ratio on object-ensemble representation in human anterior-medial ventral visual cortex. *Cerebral Cortex*, 25(11), 4226–4239.

90. Cao, Y., Brubaker, M.A., **Fleet, D.J.**, & Hertzmann, A. (2015). Efficient optimization for sparse Gaussian process regression. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, 37(12), 2415–2427.
91. Carreiras, M., **Monahan, P.J.**, Lizarazu, M., Duñabeitia, J.A., & Molinaro, N. (2015). Numbers are not like words: Different pathways for literacy and numeracy. *Neuroimage*, 118, 79–89.
92. Cassetta, B.D., & **Goghari, V.M.** (2015). Ethical considerations of screening and early intervention for clinical high-risk psychosis. *Ethics and Behavior*, 25(1), 1–20.
93. Cassetta, B.D., & **Goghari, V.M.** (2016). Working memory and processing speed training in schizophrenia: Study protocol for a randomized controlled trial. *Trials*, 17(1).
94. Castle, K., and **M. Gervers**. (2015). Charters of the British Isles. *Oxford Bibliographies*. Retrieved from <http://www.oxfordbibliographies.com/view/document/obo-9780195396584/obo-9780195396584-0189.xml>
95. **Gen, L.**, Dasgupta, S., Elkamhi, R., & Pungaliya, R.S. (2016). Reputation and loan contract terms: The role of principal customers. *Review of Finance*, 20(2), 501–533.
96. **Gen, L.**, Dasgupta, S., & Sen, R. (2016). Discipline or disruption? Stakeholder relationships and the effect of takeover threat. *Management Science*, 62(10), 2820–2841.
97. **Charise, A.** (2015). G.H. Lewes and the impossible classification of organic life. *Victorian Studies*, 57(3), 377–386.
98. **Charise, A.** (2016). Spots of future time: Tableaux, masculinity, and the enactment of aging. *Modern Drama*, 59(2), 155–176.
99. Cheeger, J., **Haslhofer, R.**, & Naber, A. (2015). Quantitative stratification and the regularity of harmonic map flow. *Calculus of Variations and Partial Differential Equations*, 53(1–2), 365–381.
100. Cheng, V.Y.S., **Arhonditsis, G.B.**, Sills, D.M.L., **Gough, W.A.**, & Auld, H. (2015). A Bayesian modelling framework for tornado occurrences in North America. *Nature Communications*, 6.
101. Cheng, V.Y.S., **Arhonditsis, G.B.**, Sills, D.M.L., **Gough, W.A.**, & Auld, H. (2016). Predicting the climatology of tornado occurrences in North America with a Bayesian hierarchical modeling framework. *Journal of Climate*, 29(5), 1899–1917.
102. Cheng, X.R., & **Kerman, K.** (2015). Electrochemical detection of interaction between α -synuclein and clioquinol. *Electroanalysis*, 27(6), 1436–1442.
103. Cheng, X.R., Wallace, G.Q., Lagugné-Labarhet, F., & **Kerman, K.** (2015). Au nanostructured surfaces for electrochemical and localized surface plasmon resonance-based monitoring of α -synuclein-small molecule interactions. *ACS Applied Materials and Interfaces*, 7(7), 4081–4088.
104. Chiu, R.S., Saleh, Y., & **Gazzarrini, S.** (2016). Inhibition of FUSCA3 degradation at high temperature is dependent on ABA signaling and is regulated by the ABA/GA ratio. *Plant Signaling and Behavior*, 11(11).
105. **Childress, C.C.** (2015). Regionalism and the publishing class: Conflicted isomorphism and negotiated identity in a nested field of American publishing. *Cultural Sociology*, 9(3), 364–381.
106. Cho, E., **Arhonditsis, G.B.**, Khim, J., Chung, S., & Heo, T.-Y. (2016). Modeling metal-sediment interaction processes: Parameter sensitivity assessment and uncertainty analysis. *Environmental Modelling and Software*, 80, 159–174.
107. Chong, L.P., Wang, Y., Gad, N., Anderson, N., Shah, B., & **Zhao, R.** (2015). A highly charged region in the middle domain of plant endoplasmic reticulum (ER)-localized heat-shock protein 90 is required for resistance to tunicamycin or high calcium-induced ER stresses. *Journal of Experimental Botany*, 66(1), 113–124.
108. Chowdhury, M.R., **Wells, M.G.**, & Cossu, R. (2015). Observations and environmental implications of variability in the vertical turbulent mixing in Lake Simcoe. *Journal of Great Lakes Research*, 41(4), 995–1009.
109. Chowdhury, M.R., **Wells, M.G.**, & Howell, T. (2016). Movements of the thermocline lead to high variability in benthic mixing in the nearshore of a large lake. *Water Resources Research*, 52(4), 3019–3039.
110. **Chun, J.J.** (2016). Building political agency and movement leadership: The grassroots organizing model of Asian immigrant women advocates. *Citizenship Studies*, 20(3–4), 379–395.
111. **Chun, J.J.** (2016). Organizing across divides: Union challenges to precarious work in Vancouver's privatized health care sector. *Progress in Development Studies*, 16(2), 173–188.
112. **Chun, J.J.**, & **Han, J.H.**, (2015). Language travels and global aspirations of Korean youth. *Positions*, 23(3), 565–593.
113. **Cire, A.A.**, Hooker, J.N., & Yunes, T. (2016). Modeling with metaconstraints and semantic typing of variables. *INFORMS Journal on Computing*, 28(1), 1–13.
114. Clark, D.G., Ford, J.D., Berrang-Ford, L., Pearce, T., Kowal, S., & **Gough, W.A.** (2016). The role of environmental factors in search and rescue incidents in Nunavut, Canada. *Public Health*, 137, 44–49.
115. Clark, C.M., Lawlor-Savage, L., & **Goghari, V.M.** (2016). The Flynn effect: A quantitative commentary on modernity and human intelligence. *Measurement*, 14(2), 39–53.
116. Cloutier, R., Tamayo, D., & **Valencia, D.** (2015). Could Jupiter or Saturn have ejected a fifth giant planet? *Astrophysical Journal*, 813(1).
117. Coleman Wasik, J.K., Engstrom, D.R., **Mitchell, C.P.J.**, Swain, E.B., Monson, B.A., Balogh, S.J., ... Almendinger, J.E. (2015). The effects of hydrologic fluctuation and sulfate regeneration on mercury cycling in an experimental peatland. *Journal of Geophysical Research G: Biogeosciences*, 120(9), 1697–1715.
118. Collimore, L., Paré, D.E., & **Joordens, S.** (2015). SWDYT: So what do you think? Canadian students' attitudes about peerScholar, an online peer-assessment tool. *Learning Environments Research*, 18(1), 33–45.
119. Colombo, M., Bucher, L., & **Inbar, Y.** (2016). Explanatory judgment, moral offense and value-free science. *Review of Philosophy and Psychology*, 7(4), 743–763.
120. **Connelly, B.S.**, & Chang, L. (2016). A meta-analytic multitrait multitrait separation of substance and style in social desirability scales. *Journal of Personality*, 84(3), 319–334.
121. **Connelly, B.S.**, Warren, R.A., Kim, H., & Di Domenico, S.I. (2016). Development and validation of research scales for the leadership multi-rater assessment of personality (LMAP). *International Journal of Selection and Assessment*, 24(4), 362–367.

122. Connelly, C.E., & **Zweig, D.** (2015). How perpetrators and targets construe knowledge hiding in organizations. *European Journal of Work and Organizational Psychology*, 24(3), 479–489.
123. Cortés, A., **Wells, M.G.**, Fringer, O.B., Arthur, R.S., & Rueda, F.J. (2015). Numerical investigation of split flows by gravity currents into two-layered stratified water bodies. *Journal of Geophysical Research C: Oceans*, 120(7), 5254–5271.
124. Coskun, D., Britto, D.T., Kochian, L.V., & **Kronzucker, H.J.** (2016). How high do ion fluxes go? A re-evaluation of the two-mechanism model of K⁺ transport in plant roots. *Plant Science*, 243, 96–104.
125. Cossu, F.R., Cossu, F.R., **Wells, M.G.**, & Peakall, J. (2015). Latitudinal variations in submarine channel sedimentation patterns: The role of Coriolis forces. *Journal of the Geological Society*, 172(2), 161–174.
126. Crampton, W.G.R., De Santana, C.D., Waddell, J.C., & **Lovejoy, N.R.** (2016). Phylogenetic systematics, biogeography, and ecology of the electric fish genus *Brachyphypopomus* (Ostariophysi: Gymnotiformes). *PLoS One*, 11(10).
127. Crawford, J.T., Brandt, M.J., **Inbar, Y.**, & Mallinas, S.R. (2016). Right-wing authoritarianism predicts prejudice equally toward “gay men and lesbians” and “homosexuals”. *Journal of Personality and Social Psychology*, 111(2), e31–e45.
128. Crudden, C.M., Horton, J.H., Narouz, M.R., Li, Z., Smith, C.A., ... **Kraatz, H.-B.**, ... Yagi, A. (2016). Simple direct formation of self-assembled N-heterocyclic carbene monolayers on gold and their application in biosensing. *Nature Communications*, 7, 12654. <http://dx.doi.org/10.1038/ncomms12654>
129. Csóka, E., Gerencsér, B., Harangi, V., & **Virág, B.** (2015). Invariant Gaussian processes and independent sets on regular graphs of large girth. *Random Structures and Algorithms*, 47(2), 284–303.
130. Dahal, K., Martyn, G.D., & **Vanlerberghe, G.C.** (2015). Improved photosynthetic performance during severe drought in *Nicotiana tabacum* overexpressing a nonenergy conserving respiratory electron sink. *New Phytologist*, 208(2), 382–395.
131. Damanik, D., & **Goldstein, M.** (2016). On the existence and uniqueness of global solutions for the KdV equation with quasi-periodic initial data. *Journal of the American Mathematical Society*, 29(3), 825–856.
132. Damanik, D., **Goldstein, M.**, & Lukic, M. (2016). The spectrum of a Schrödinger operator with small quasi-periodic potential is homogeneous. *Journal of Spectral Theory*, 6(2), 415–427.
133. Daros, A.R., **Ruocco, A.C.**, & Rule, N.O. (2016). Identifying mental disorder from the faces of women with borderline personality disorder. *Journal of Nonverbal Behavior*, 40(4), 255–281.
134. Daswani, G. (2016). A prophet but not for profit: Ethical value and character in Ghanaian Pentecostalism. *Journal of the Royal Anthropological Institute*, 22(1), 108–126.
135. Davarpanah Jazi, S., & **Wells, M.G.** (2016). Enhanced sedimentation beneath particle-laden flows in lakes and the ocean due to double-diffusive convection. *Geophysical Research Letters*, 43(20), 10883–10890.
136. Davies, S.E., **Connelly, B.S.**, Ones, D.S., & Birkland, A.S. (2015). The general factor of personality: The “big one,” a self-evaluative trait, or a methodological gnat that won’t go away? *Personality and Individual Differences*, 81, 13–22.
137. Davies, T.J., Urban, M.C., Rayfield, B., **Cadotte, M.W.**, & Peres-Neto, P.R. (2016). Deconstructing the relationships between phylogenetic diversity and ecology: A case study on ecosystem functioning. *Ecology*, 97(9), 2212–2222.
138. De Janvry, A., Emerick, K., **Gonzalez-Navarro, M.**, & Sadoulet, E. (2015). Delinking land rights from land use: Certification and migration in Mexico. *American Economic Review*, 105(10), 3125–3149.
139. De Jong, F., & **Harney, E.** (2015). Art from the archive. *African Arts*, 48(2), 1–4.
140. De Luca, P.A., Stoltz, J.A., **Andrade, M.C.B.**, & **Mason, A.C.** (2015). Metabolic efficiency in courtship favors males with intermediate mass in the Australian redback spider, *Latrodectus hasselti*. *Journal of Insect Physiology*, 72, 35–42.
141. Deane, C.A.S., & **Brown, I.R.** (2016). Induction of heat shock proteins in differentiated human neuronal cells following co-application of celastrol and arimoclomol. *Cell Stress and Chaperones*, 21(5), 837–848.
142. Delehanty, B., Hossain, S., Jen, C.C., Crawshaw, G.J., & **Boonstra, R.** (2015). Measurement of free glucocorticoids: Quantifying corticosteroid-binding globulin binding affinity and its variation within and among mammalian species. *Conservation Physiology*, 3(1).
143. Delpomdor, F., **Eyles, N.**, Tack, L., & Pr  at, A. (2016). Pre- and post-Marinoan carbonate facies of the Democratic Republic of the Congo: Glacially- or tectonically-influenced deep-water sediments? *Palaeogeography, Palaeoclimatology, Palaeoecology*, 457, 144–157.
144. Dennis, C.-L., Falah-Hassani, K., **Brown, H.K.**, & Vigod, S.N. (2016). Identifying women at risk for postpartum anxiety: A prospective population-based study. *Acta Psychiatrica Scandinavica*, 134(6), 485–493. <http://dx.doi.org/10.1111/acps.12648>
145. Dere, J., Watters, C.A., Yu, S.C., **Michael Bagby R.**, Ryder, A.G., & Harkness, K.L. (2015). Cross-cultural examination of measurement invariance of the Beck Depression Inventory-II. *Psychological Assessment*, 27(1), 68–81.
146. Derh  , M.A., Murphy, H., Monteith, G., Men  ndez, R., & **Cadotte, M.** (2016). Measuring the success of reforestation for restoring biodiversity and ecosystem functioning. *Journal of Applied Ecology*, 53(6), 1714–1724.
147. Dermody, S.S., Quilty, L.C., & **Bagby, R.M.** (2016). Interpersonal impacts mediate the association between personality and treatment response in major depression. *Journal of Counseling Psychology*, 63(4), 396–404.
148. Desantis, L.M., Bowman, J., Lahoda, C.V., **Boonstra, R.**, & Burness, G. (2016). Responses of new world flying squirrels to the acute stress of capture and handling. *Journal of Mammalogy*, 97(1), 80–88.

149. Diaz, R.L., Wong, U., Hodgins, D.C., Chiu, C.G., & Goghari, V.M. (2016). Violent video game players and non-players differ on facial emotion recognition. *Aggressive Behavior*, 42(1), 16–28.
150. Di Domenico, S.I., & Fournier, M.A. (2015). Able, ready, and willing: Examining the additive and interactive effects of intelligence, conscientiousness, and autonomous motivation on undergraduate academic performance. *Learning and Individual Differences*, 40, 156–162.
151. Di Domenico, S.I., Le, A., Liu, Y., Ayaz, H., & Fournier, M.A. (2016). Basic psychological needs and neurophysiological responsiveness to decisional conflict: An event-related potential study of integrative self processes. *Cognitive, Affective and Behavioral Neuroscience*, 16(5), 848–865.
152. Di Domenico, S.I., Rodrigo, A.H., Ayaz, H., Fournier, M.A., & Ruocco, A.C. (2015). Decision-making conflict and the neural efficiency hypothesis of intelligence: A functional near-infrared spectroscopy investigation. *Neuroimage*, 109, 307–317.
153. Dimidjian, S., & Segal, Z.V. (2015). Prospects for a clinical science of mindfulness-based intervention. *American Psychologist*, 70(7), 593–620.
154. Ditttrich, M.B., Moreau, L., Gordon, J., Quazi, S., Palermo, C., Fulthorpe, R., ... Chesnyuk, A. (2015). Geomicrobiology of iron layers in the sediment of Lake Superior. *Aquatic Geochemistry*, 21(2–4), 123–140.
155. Donaldson, D.J., Kroll, J.A., & Vaida, V. (2016). Gas-phase hydrolysis of triplet SO₂: A possible direct route to atmospheric acid formation. *Scientific Reports*, 6.
156. Dou, Y., Howard, K.W.F., & Qian, H. (2016). Transport characteristics of nitrite in a shallow sedimentary aquifer in northwest China as determined by a 12-day soil column experiment. *Exposure and Health*, 8(3), 381–387.
157. Drvaric, L., Gerritsen, C., Rashid, T., Bagby, R.M., & Mizrahi, R. (2015). High stress, low resilience in people at clinical high risk for psychosis: Should we consider a strengths-based approach? *Canadian Psychology*, 56(3), 332–347.
158. Dudek, J., Faress, A., Bornstein, M.H., & Haley, D.W. (2016). Infant cries rattle adult cognition. *PLoS One*, 11(5).
159. Edwards, P.D., & Boonstra, R. (2016). Coping with pregnancy after 9 months in the dark: Post-hibernation buffering of high maternal stress in arctic ground squirrels. *General and Comparative Endocrinology*, 232, 1–6.
160. Edwards, P.D., Palme, R., & Boonstra, R. (2016). Seasonal programming, not competition or testosterone, drives stress-axis changes in a partially-semelparous mammal. *Hormones and Behavior*, 85, 96–101.
161. Eisendrath, S.J., Gillung, E., Delucchi, K.L., Segal, Z.V., Nelson, J.C., McInnes, L.A., ... Feldman, M.D. (2016). A randomized controlled trial of mindfulness-based cognitive therapy for treatment-resistant depression. *Psychotherapy and Psychosomatics*, 85(2), 99–110.
162. Ekers, M. (2015). A fix in the forests: Relief labor and the production of reforestation infrastructure in depression-era Canada. *Environment and Planning A*, 47(12), 2537–2554.
163. Ekers, M., Levkoe, C.Z., Walker, S., & Dale, B. (2016). Will work for food: Agricultural interns, apprentices, volunteers, and the agrarian question. *Agriculture and Human Values*, 33(3), 705–720.
164. Elkins-Brown, N., Saunders, B., & Inzlicht, M. (2016). Error-related electromyographic activity over the corrugator supercilii is associated with neural performance monitoring. *Psychophysiology*, 53(2), 159–170.
165. Evans, M. (2016). Measuring statistical evidence using relative belief. *Computational and Structural Biotechnology Journal*, 14, 91–96.
166. Eyles, N., Boyce, J.I., & Putkinen, N. (2015). Neoglacial (<3000 years) till and flutes at Saskatchewan Glacier, Canadian Rocky Mountains, formed by subglacial deformation of a soft bed. *Sedimentology*, 62(1), 182–203.
167. Eyles, N., & Daurio, L. (2015). Little Ice Age debris lobes and nivation hollows inside Ubehebe Crater, Death Valley, California: Analog for Mars craters? *Geomorphology*, 245, 231–242.
168. Eyles, N., & Doughty, M. (2016). Glacially-streamlined hard and soft beds of the paleo-Ontario ice stream in Southern Ontario and New York state. *Sedimentary Geology*, 338, 51–71.
169. Eyles, N., Putkinen, N., Sookhan, S., & Arbelaez-Moreno, L. (2016). Erosional origin of drumlins and megaridges. *Sedimentary Geology*, 338, 2–23.
170. Eyles, N., Zajch, A., & Doughty, M. (2015). High-resolution seismic sub-bottom reflection record of low hypsithermal lake levels in Ontario lakes. *Journal of Great Lakes Research*, 41(1), 41–52.
171. Farb, N.A.S., Irving, J.A., Anderson, A.K., & Segal, Z.V. (2015). A two-factor model of relapse/recurrence vulnerability in unipolar depression. *Journal of Abnormal Psychology*, 124(1), 38–53.
172. Farber, S., Marin, M.R., & Páez, A. (2015). Testing for spatial independence using similarity relations. *Geographical Analysis*, 47(2), 97–120.
173. Farber, S., O'Kelly, M., Miller, H.J., & Neutens, T. (2015). Measuring segregation using patterns of daily travel behavior: A social interaction based model of exposure. *Journal of Transport Geography*, 49, 26–38.
174. Farber, S., Ritter, B., & Fu, L. (2016). Space-time mismatch between transit service and observed travel patterns in the Wasatch Front, Utah: A social equity perspective. *Travel Behaviour and Society*, 4, 40–48.
175. Faria, C., & Mollett, S. (2016). Critical feminist reflexivity and the politics of whiteness in the 'field'. *Gender, Place and Culture*, 23(1), 79–93.
176. Farooq, H., Courtier-Murias, D., Simpson, M.J., Maas, W.E., Fey, M., Andrew, B., ... Simpson, A.J. (2015). Characterisation of oil contaminated soils by comprehensive multiphase NMR spectroscopy. *Environmental Chemistry*, 12(2), 227–235.
177. Farzad, B., Golestanian, A., & Molloy, M. (2016). Backbone colourings of graphs. *Discrete Mathematics*, 339(11), 2721–2722.
178. Feeney, J.R., McCarthy, J.M., & Goffin, R. (2015). Applicant anxiety: Examining the sex-linked anxiety coping theory in job interview contexts. *International Journal of Selection and Assessment*, 23(3), 295–305.

179. Fervaha, G., Agid, O., Takeuchi, H., Lee, J., Foussias, G., **Zakzanis, K.K.**, ... Remington, G. (2015). Extrapyramidal symptoms and cognitive test performance in patients with schizophrenia. *Schizophrenia Research*, 161(2–3), 351–356.
180. Fervaha, G., **Zakzanis, K.K.**, Foussias, G., Agid, O., & Remington, G. (2015). Distress related to subclinical negative symptoms in a non-clinical sample: Role of dysfunctional attitudes. *Psychiatry Research*, 230(2), 249–254.
181. Fidalgo, C.O., Changoor, A.T., Page-Gould, E., **Lee, A.C.H.**, & Barense, M.D. (2016). Early cognitive decline in older adults better predicts object than scene recognition performance. *Hippocampus*, 26(12), 1579–1592.
182. **Fidan Elcioglu, E.F.** (2015). Popular sovereignty on the border: Nativist activism among two border watch groups in southern Arizona. *Ethnography*, 16(4), 438–462.
183. Field, R., & **Kidd, B.** (2016). Canada and the Pan-American Games. *The International Journal of the History of Sport*, 33(1–2), 217–238.
184. Fiorino, C., & **Harrison, R.E.** (2016). E-cadherin is important for cell differentiation during osteoclastogenesis. *Bone*, 86, 106–118.
185. Fitzpatrick, C.R., Agrawal, A.A., Basiliko, N., Hastings, A.P., **Isaac, M.E.**, Preston, M., & Johnson, M.T.J. (2015). The importance of plant genotype and contemporary evolution for terrestrial ecosystem processes. *Ecology*, 96(10), 2632–2642.
186. Fletcher, Q.E., Dantzer, B., & **Boonstra, R.** (2015). The impact of reproduction on the stress axis of free-living male northern red backed voles (*Myodes rutilus*). *General and Comparative Endocrinology*, 224, 136–147.
187. Flores-Moreno, H., Reich, **Cadotte, M.W.**, P.B., Lind, E.M., Sullivan, L.L., Seabloom, E.W., Yahdjian, L., ... Borer, E.T. (2016). Climate modifies response of non-native and native species richness to nutrient enrichment. *Philosophical Transactions of the Royal Society B: Biological Sciences*, 371(1694).
188. Floyd, E., **Li, N.**, & Skinner, D.J. (2015). Payout policy through the financial crisis: The growth of repurchases and the resilience of dividends. *Journal of Financial Economics*, 118(2), 299–316.
189. **Ford, B.Q.**, Dmitrieva, J.O., Heller, D., Chentsova-Dutton, Y., Grossmann, I., Tamir, M., ... Mauss, I.B. (2015). Culture shapes whether the pursuit of happiness predicts higher or lower well-being. *Journal of Experimental Psychology: General*, 144(6), 1053–1062.
190. **Ford, B.Q.**, Mauss, I.B., & Gruber, J. (2015). Valuing happiness is associated with bipolar disorder. *Emotion*, 15(2), 211–222.
191. Fransen, K., Neutens, T., **Farber, S.**, De Maeyer, P., Deruyter, G., & Witlox, F. (2015). Identifying public transport gaps using time-dependent accessibility levels. *Journal of Transport Geography*, 48, 176–187.
192. **Freeman, B.** (2016). Joey walks the Old Lost Land in Artistic Fraud's *The Colony of Unrequited Dreams*. *Canadian Theatre Review*, 166, 50–53.
193. Frost, A., & **Niemeier, M.** (2015). Suppression and reversal of motion perception around the time of the saccade. *Frontiers in Systems Neuroscience*, 9, 143.
194. Fu, H., Ciuraru, R., **Donaldson, J.D.**, Dupart, Y., Passananti, M., Tinel, L., Rossignol, S., ... George, C. (2015). Photosensitized production of atmospherically reactive organic compounds at the air/aqueous interface. *Journal of the American Chemical Society*, 137(26), 8348–8351.
195. Fugariu, I., Fortier-McGill, B., Soong, R., Sutrisno, A., & **Simpson, A.J.** (2015). Doubling sensitivity in solids NMR: A simple and economical procedure for compressing samples. *Magnetic Resonance in Chemistry*, 53(9), 769–773.
196. Fung, J., **Artymowicz, P.**, & Wu, Y. (2015). The 3D flow field around an embedded planet. *Astrophysical Journal*, 811(2).
197. Gadre, V., Maher, J., & **Tiozzo, G.** (2015). Word length statistics and Lyapunov exponents for Fuchsian groups with cusps. *New York Journal of Mathematics*, 21, 511–531.
198. Gagliardi, S., Martin, A.R., Filho, E.D.M.V., Rapidel, B., & **Isaac, M.E.** (2015). Intraspecific leaf economic trait variation partially explains coffee performance across agroforestry management regimes. *Agriculture, Ecosystems and Environment*, 200, 151–160.
199. Gandhi, N., Bhavsar, S.P., Gewurtz, S.B., Drouillard, K.G., **Arhonditsis, G.B.**, & Petro, S. (2016). Is it appropriate to composite fish samples for mercury trend monitoring and consumption advisories? *Environment International*, 88, 80–85.
200. Gandhi, N., Bhavsar, S.P., Reiner, E.J., Chen, T., Morse, D., **Arhonditsis, G.B.**, & Drouillard, K.G. (2015). Evaluation and interconversion of various indicator PCB schemes for ΣPCB and dioxin-like PCB toxic equivalent levels in fish. *Environmental Science and Technology*, 49(1), 123–131.
201. Gandhi, N., Bhavsar, S.P., Tang, R.W.K., & **Arhonditsis, G.B.** (2015). Projecting fish mercury levels in the province of Ontario, Canada and the implications for fish and human health. *Environmental Science and Technology*, 49(24), 14494–14502.
202. Gandhi, N., Tang, R.W.K., Bhavsar, S.P., Reiner, E.J., Morse, D., **Arhonditsis, G.B.**, ... Chen, T. (2015). Is mirex still a contaminant of concern for the North American Great Lakes? *Journal of Great Lakes Research*, 41(4), 1114–1122.
203. Gates, A., Hanning, R.M., Gates, M., & **Tsuji, L.J.S.** (2016). The food and nutrient intakes of First Nations youth living in Northern Ontario, Canada: Evaluation of a harvest sharing program. *Journal of Hunger and Environmental Nutrition*, 11(4), 491–508.
204. Gates, M., Hanning, R., Gates, A., Stephen, J., Fehst, A., & **Tsuji, L.J.S.** (2016). Physical activity and fitness of First Nations youth in a remote and isolated Northern Ontario community: A needs assessment. *Journal of Community Health*, 41(1), 46–56.
205. **Gazzarrini, S.**, & Tsai, A.Y.-L. (2015). Hormone cross-talk during seed germination. *Essays in Biochemistry*, 58, 151–164. <http://dx.doi.org/10.1042/bse0580151>
206. Ge, Y., **Miron, J.**, Pu, Y., Zhao, H., & Li, Y. (2015). Dividing economic space into urban agglomerations using the marginal K function: A case study of the Yangtze River Delta region. *Dili Xuebao/Acta Geographica Sinica*, 70(4), 528–538.
207. Geijzenendorffer, I.R., Regan, E.C., Pereira, H.M., Brotons, L., Brummitt, N., Gavish, Y., ... **Cadotte, M.** (2016). Bridging the gap between biodiversity data and policy reporting needs: An essential biodiversity variables perspective. *Journal of Applied Ecology*, 53(5), 1341–1350.
208. Germain, R.M., **Weir, J.T.**, & Gilbert, B. (2016). Species coexistence: Macroevolutionary relationships and the contingency of historical interactions. *Proceedings of the Royal Society B: Biological Sciences*, 283(1827).
209. Gherib, R., Ryabinkin, I.G., & **Izmaylov, A.F.** (2015). Why do mixed quantum-classical methods describe short-time dynamics through conical intersections so well? Analysis of geometric phase effects. *Journal of Chemical Theory and Computation*, 11(4), 1375–1382.

210. Gherib, R., Ye, L., Ryabinkin, I.G., & **Izmaylov, A.F.** (2016). On the inclusion of the diagonal Born-Oppenheimer correction in surface hopping methods. *Journal of Chemical Physics*, 144(15).
211. Ginson, R., Walter, R.P., **Mandrak, N.E.**, Beneteau, C.L., & Heath, D.D. (2015). Hierarchical analysis of genetic structure in the habitat-specialist eastern sand darter (*Ammocrypta pellucida*). *Ecology and Evolution*, 5(3), 695–708.
212. Glass, W.R., Walter, R.P., Heath, D.D., **Mandrak, N.E.**, & Corkum, L.D. (2015). Genetic structure and diversity of spotted gar (*Lepisosteus oculatus*) at its northern range edge: Implications for conservation. *Conservation Genetics*, 16(4), 889–899.
213. Glassman, L.H., Forman, E.M., Herbert, J.D., Bradley, L.E., Foster, E.E., Izzetoglu, M., & **Ruocco, A.C.** (2016). The effects of a brief acceptance-based behavioral treatment versus traditional cognitive-behavioral treatment for public speaking anxiety: An exploratory trial examining differential effects on performance and neurophysiology. *Behavior Modification*, 40(5), 748–776.
214. **Goghari, V.M.**, & Harrow, M. (2016). Twenty year multi-follow-up of different types of hallucinations in schizophrenia, schizoaffective disorder, bipolar disorder, and depression. *Schizophrenia Research*, 176(2–3), 371–377.
215. **Goghari, V.M.**, Truong, W., & Spilka, M.J. (2015). A magnetic resonance imaging family study of cortical thickness in schizophrenia. *American Journal of Medical Genetics, Part B: Neuropsychiatric Genetics*, 168(8), 660–668.
216. Goldberg, S.J., Ball, G.I., Allen, B.C., Schladow, S.G., **Simpson, A.J.**, Masoom, H., ... Aluwihare, L.I. (2015). Refractory dissolved organic nitrogen accumulation in high-elevation lakes. *Nature Communications*, 6.
217. **Gonzalez-Navarro, M.**, & Quintana-Domeque, C. (2016). Paving streets for the poor: Experimental analysis of infrastructure effects. *Review of Economics and Statistics*, 98(2), 254–267.
218. **Gough, W.A.**, & Hu, Y. (2016). Day-to-day temperature variability for four urban areas in China. *Urban Climate*, 17, 80–88.
219. **Gough, W.A.**, & Sokappadu, S. (2016). Climate context of the cold summer of 2014 in Toronto, ON, Canada. *Theoretical and Applied Climatology*, 126(1–2), 183–189.
220. **Grewal, A.** (2016). Contested Tibetan landscapes in the films of Pema Tsenden. *Journal of Chinese Cinemas*, 10(2), 135–149.
221. Grever, D.M., Lafrenière, M.J., Lamoureux, S.F., & **Simpson, M.J.** (2015). Potential shifts in Canadian High Arctic sedimentary organic matter composition with permafrost active layer detachments. *Organic Geochemistry*, 79, 1–13.
222. Grever, D.M., Lafrenière, M.J., Lamoureux, S.F., & **Simpson, M.J.** (2016). Redistribution of soil organic matter by permafrost disturbance in the Canadian High Arctic. *Biogeochemistry*, 128(3), 397–415.
223. Gudimov, A., Kim, D.-K., Young, J.D., Palmer, M.E., **Dittrich, M.B.**, Winter, J.G., ... **Arhonditsis, G.B.** (2015). Examination of the role of dreissenids and macrophytes in the phosphorus dynamics of Lake Simcoe, Ontario, Canada. *Ecological Informatics*, 26(P3), 36–53. <http://dx.doi.org/10.1016/j.ecoinf.2014.11.007>
224. Gudimov, A., McCulloch, J., Chen, J., Doan, P., **Arhonditsis, G.**, & **Dittrich, M.B.** (2016). Modeling the interplay between deepwater oxygen dynamics and sediment diagenesis in a hard-water mesotrophic lake. *Ecological Informatics*, 31, 59–69.
225. Gwilliams, L.E., **Monahan, P.J.**, & Samuel, A.G. (2015). Sensitivity to morphological composition in spoken word recognition: Evidence from grammatical and lexical identification tasks. *Journal of Experimental Psychology: Learning Memory and Cognition*, 41(6), 1663–1674.
226. Haedicke, I.E., Li, T., Zhu, Y.L.K., Martinez, F., Hamilton, A.M., Murrell, D.H., ... **Zhang, X.** (2016). An enzyme-activatable and cell-permeable Mn III-porphyrin as a highly efficient: T 1 MRI contrast agent for cell labeling. *Chemical Science*, 7(7), 4308–4317.
227. Hall, C.L., Howard, D.R., Smith, R.J., & **Mason, A.C.** (2015). Marking by elytral clip changes stridulatory characteristics and reduces reproduction in the American burying beetle, *Nicrophorus americanus*. *Journal of Insect Conservation*, 19(1), 155–162.
228. Hamam, A.M., Britto, D.T., Flam-Shepherd, R., & **Kronzucker, H.J.** (2016). Measurement of differential Na⁺ efflux from apical and bulk root zones of intact barley and *Arabidopsis* plants. *Frontiers in Plant Science*, 7(MAR2016).
229. Harangi, V., & **Virág, B.** (2015). Independence ratio and random eigenvectors in transitive graphs. *Annals of Probability*, 43(5), 2810–2840.
230. Harkness, K.L., **Michael Bagby, R.**, Stewart, J.G., Larocque, C.L., Mazurka, R., Strauss, J.S., ... Kennedy, J.L. (2015). Childhood emotional and sexual maltreatment moderate the relation of the serotonin transporter gene to stress generation. *Journal of Abnormal Psychology*, 124(2), 275–287.
231. Harpole, W.S., Sullivan, L.L., Lind, E.M., Firn, J., Adler, P.B., Borer, E.T., **Cadotte, M.W.**, ... Wragg, P.D. (2016). Addition of multiple limiting resources reduces grassland diversity. *Nature*, 537(7618), 93–96.
232. Harrington, A.R., **Silcox, M.T.**, Yapuncich, G.S., Boyer, D.M., & Bloch, J.I. (2016). First virtual endocasts of adapiform primates. *Journal of Human Evolution*, 99, 52–78.
233. **Hasler, M.**, & Marfè, R. (2016). Disaster recovery and the term structure of dividend strips. *Journal of Financial Economics*, 122(1), 116–134.
234. **Haslhofer, R.** (2015). Uniqueness of the bowl soliton. *Geometry and Topology*, 19(4), 2393–2406.
235. **Haslhofer, R.**, & Hershkovits, O. (2016). Ancient solutions of the mean curvature flow. *Communications in Analysis and Geometry*, 24(3), 593–604.
236. **Haslhofer, R.**, & Kleiner, B. (2015). On Brendle's estimate for the inscribed radius under mean curvature flow. *International Mathematics Research Notices*, 2015(15), 6558–6561.
237. **Haslhofer, R.**, & Müller, R. (2015). A note on the compactness theorem for 4d Ricci shrinkers. *Proceedings of the American Mathematical Society*, 143(10), 4433–4437.
238. Hayhurst, L.M., Macneill, M., **Kidd, B.**, & Knoppers, A. (2014). Gender relations, gender-based violence and sport for development and peace: Questions, concerns and cautions emerging from Uganda. *Women's Studies International Forum*, 47, 157–167.
239. Hayle, S., Wortley, S., & **Tanner, J.** (2016). Race, street life, and policing: Implications for racial profiling. *Canadian Journal of Criminology and Criminal Justice*, 58(3), 322–353.

240. Haynes, K.M., & Mitchell, C.P.J. (2015). Precipitation input and antecedent soil moisture effects on mercury mobility in soil-laboratory experiments with an enriched stable isotope tracer. *Hydrological Processes*, 29(18), 4161–4174.
241. Heaukulani, C., & Roy, D.M. (2016). The combinatorial structure of beta negative binomial processes. *Bernoulli*, 22(4), 2301–2324.
242. Hellie, B. (2016). Obligation and aspect. *Inquiry*, 59(4), 398–449.
243. Helms-Park, R., & Perhan, Z. (2016). The role of explicit instruction in cross-script cognate recognition: The case of Ukrainian-speaking EAP learners. *Journal of English for Academic Purposes*, 21, 17–33.
244. Heron, P.J., Lowman, J.P., & Stein, C. (2015). Influences on the positioning of mantle plumes following supercontinent formation. *Journal of Geophysical Research B: Solid Earth*, 120(5), 3628–3648.
245. Hess, P.M., & Sorensen, A. (2015). Compact, concurrent, and contiguous: Smart growth and 50 years of residential planning in the Toronto region. *Urban Geography*, 36(1), 127–151.
246. Hewer, M.J., & Gough, W.A. (2016). The effect of seasonal climatic anomalies on zoo visitation in Toronto (Canada) and the implications for projected climate change. *Atmosphere*, 7(5).
247. Hewer, M.J., & Gough, W.A. (2016). Weather sensitivity for zoo visitation in Toronto, Canada: A quantitative analysis of historical data. *International Journal of Biometeorology*, 60(11), 1645–1660.
248. Hipp, A.L., Larkin, D.J., Barak, R.S., Bowles, M.L., Cadotte, M.W., Jacobi, S.K., ... Weiher, E. (2015). Phylogeny in the service of ecological restoration. *American Journal of Botany*, 102(5), 647–648.
249. Hlevca, B., Cooke, S.J., Midwood, J.D., Doka, S.E., Portiss, R., & Wells, M.G. (2015). Characterization of water temperature variability within a harbour connected to a large lake. *Journal of Great Lakes Research*, 41(4), 1010–1023.
250. Hlevca, B., Wells, M.G., & Parker, S. (2015). Amplification of long-period waves in shallow coastal embayments of the great lakes. *Environmental Fluid Mechanics*, 15(6), 1181–1213.
251. Hobson, N.M., & Inzlicht, M. (2016). The mere presence of an outgroup member disrupts the brain's feedback-monitoring system. *Social Cognitive and Affective Neuroscience*, 11(11), 1698–1706.
252. Hoggarth, C.G.J., Hall, B.D., & Mitchell, C.P.J. (2015). Mercury methylation in high and low-sulphate impacted wetland ponds within the prairie pothole region of North America. *Environmental Pollution*, 205, 269–277.
253. Hou, L., Verdirame, M., & Welch, K.C. Jr. (2015). Automated tracking of wild hummingbird mass and energetics over multiple time scales using radio frequency identification (RFID) technology. *Journal of Avian Biology*, 46(1), 1–8.
254. Hou, L., & Welch, K.C. Jr. (2016). Premigratory ruby-throated hummingbirds, *Archilochus colubris*, exhibit multiple strategies for fuelling migration. *Animal Behaviour*, 121, 87–99.
255. Howard, K.W.F. (2015). Sustainable cities and the groundwater governance challenge. *Environmental Earth Sciences*, 73(6), 2543–2554.
256. Howard, K.W.F., & Howard, K.K. (2016). The new “Silk road economic belt” as a threat to the sustainable management of central Asia's transboundary water resources. *Environmental Earth Sciences*, 75(11).
257. Hübner, K. (2015). On the significance of formal causes in Spinoza's metaphysics. *Archiv für Geschichte der Philosophie*, 97(2), 196–233.
258. Hung, V.W.S., Bressan, L.P., Seo, K., & Kerman, K. (2015). Electroanalysis of natural compounds as copper chelating agents for Alzheimer's disease therapy. *Electroanalysis*, 27(11), 2670–2678.
259. Hung, V.W.S., Veloso, A.J., Chow, A.M., Ganesh, H.V.S., Seo, K., Kendüzler, E., ... Kerman, K. (2015). Electrochemical impedance spectroscopy for monitoring caspase-3 activity. *Electrochimica Acta*, 162, 79–85.
260. Hunter, M. (2015). The intimate politics of the education market: High-stakes schooling and the making of kinship in Umlazi township, South Africa. *Journal of Southern African Studies*, 41(6), 1279–1300.
261. Hunter, M. (2015). The political economy of concurrent partners: Toward a history of sex–love–gift connections in the time of AIDS. *Review of African Political Economy*, 42(145), 362–375.
262. Hunter, M. (2015). Schooling choice in South Africa: The limits of qualifications and the politics of race, class and symbolic power. *International Journal of Educational Development*, 43, 41–50.
263. Hunter, M. (2016). The race for education: Class, white tone, and desegregated schooling in South Africa. *Journal of Historical Sociology*, 29(3), 319–358.
264. Huryn, S., Gough, W., Butler, K., & Mohsin, T. (2015). An evaluation of thunderstorm observations in southern Ontario using automated lightning detection data. *Journal of Applied Meteorology and Climatology*, 54(9), 1837–1846.
265. Huryn, S.M., Gough, W.A., & Butler, K. (2016). A review of thunderstorm trends across Southern Ontario, Canada. *Atmosphere – Ocean*, 54(5), 519–528.
266. Inbar, Y., & Pizarro, D.A. (2016). Pathogens and politics: Current research and new questions. *Social and Personality Psychology Compass*, 10(6), 365–374.
267. Inbar, Y., Scott, S.E., & Rozin, P. (2016). Gray & Schein's (2016) objections are theoretically and statistically faulty. *Perspectives on Psychological Science*, 11(3), 330–332.
268. Inzlicht, M., & Berkman, E. (2015). Six questions for the resource model of control (and some answers). *Social and Personality Psychology Compass*, 9(10), 511–524.
269. Irvine, P.M., Kepe, T., De Wet, D.T., & Hamunime, N.P. (2016). Whose Mecca? Divergent experiences of post-productivism and tourism in Nieu Bethesda, South Africa. *South African Geographical Journal*, 98(2), 386–401.

270. **Isakson, S.R.** (2015). Derivatives for development? Small-farmer vulnerability and the financialization of climate risk management. *Journal of Agrarian Change*, 15(4), 569–580.
271. Isogai, A.D., Alexiuk, E., Gardner, H., McCarthy, D., Edwards, V., Spiegelhaar, N., & **Tsuji, L.J.S.** (2015). Sustaining a local-food security initiative in a remote subarctic community: Engaging Canadian First Nation youth in agroforestry-community gardens. *International Journal of Social Sustainability in Economic, Social and Cultural Context*, 10(3–4), 1–17.
272. **Izmaylov, A.F.**, Li, J., & Joubert-Doriol, L. (2016). Diabatic definition of geometric phase effects. *Journal of Chemical Theory and Computation*, 12(11), 5278–5283.
273. Janssen, A.B.G., **Arhonditsis, G.B.**, Beusen, A., Bolding, K., Bruce, L., Bruggeman, J., ... Mooij, W.M. (2015). Exploring, exploiting and evolving diversity of aquatic ecosystem models: A community perspective. *Aquatic Ecology*, 49(4), 513–548.
274. Jien, J.Y., **Gough, W.A.**, & Butler, K. (2015). The influence of El Niño-Southern Oscillation on tropical cyclone activity in the eastern North Pacific basin. *Journal of Climate*, 28(6), 2459–2474.
275. Jin, L.S., **Cadotte, M.W.**, & Fortin, M.-J. (2015). Phylogenetic turnover patterns consistent with niche conservatism in montane plant species. *Journal of Ecology*, 103(3), 742–749. <http://dx.doi.org/10.1111/1365-2745.12385>
276. Johnson, N.W., **Mitchell, C.P.J.**, Engstrom, D.R., Bailey, L.T., Coleman Wasik, J.K., & Berndt, M.E. (2016). Methylmercury production in a chronically sulfate-impacted sub-boreal wetland. *Environmental Science: Processes and Impacts*, 18(6), 725–734.
277. Johnson-Down, L., Labonte, M.E., Martin, I.D., **Tsuji, L.J.S.**, Nieboer, E., Dewailly, E., ... Lucas, M. (2015). Quality of diet is associated with insulin resistance in the Cree (Eeyouch) indigenous population of northern Québec. *Nutrition, Metabolism and Cardiovascular Diseases*, 25(1), 85–92.
278. Jones, M., **Goldstein, M.**, Jonathan, P., & Randell, D. (2016). Bayes linear analysis for Bayesian optimal experimental design. *Journal of Statistical Planning and Inference*, 171, 115–129.
279. Joubert-Doriol, L., & **Izmaylov, A.F.** (2015). Problem-free time-dependent variational principle for open quantum systems. *Journal of Chemical Physics*, 142(13).
280. **Kang, Y.J.**, & Nagy, N. (2016). VOT merger in heritage Korean in Toronto. *Language Variation and Change*, 28(2), 249–272.
281. Keck, F., Bouchez, A., Franc, A., Rimet, F., & **Cadotte, M.** (2016). Linking phylogenetic similarity and pollution sensitivity to develop ecological assessment methods: A test with river diatoms. *Journal of Applied Ecology*, 53(3), 856–864.
282. Keefer, K.V., Taylor, G.J., Parker, J.D.A., Inslegers, R., & **Bagby, R.M.** (2015). Measurement equivalence of the Toronto Structured Interview for Alexithymia across language, gender, and clinical status. *Psychiatry Research*, 228(3), 760–764.
283. Keeley, J.W., Chmielewski, M.S., & **Bagby, R.M.** (2015). Interaction effects in comorbid psychopathology. *Comprehensive Psychiatry*, 60, 35–39.
284. **Kepe, T.** (2016). Rural geography research in post-apartheid South Africa: Patterns and opportunities. *South African Geographical Journal*, 98(3), 495–504.
285. **Kepe, T.**, McGregor, G., & Irvine, P. (2015). Rights of “passage” and contested land use: Gendered conflict over urban space during ritual performance in South Africa. *Applied Geography*, 57, 91–99.
286. Khalouei, S., Chow, A.M., & **Brown, I.R.** (2015). Localization of heat shock protein HSPA6 (HSP70B') to sites of transcription in cultured differentiated human neuronal cells following thermal stress. *Journal of Neurochemistry*, 131(6), 743–754.
287. **Kilroy-Marac, K.** (2016). A magical reorientation of the modern: Professional organizers and thingly care in contemporary North America. *Cultural Anthropology*, 31(3), 438–457.
288. Kim, D., Kaluskar, S., Mugalingam, S., & **Arhonditsis, G.B.** (2016). Evaluating the relationships between watershed physiography, land use patterns, and phosphorus loading in the Bay of Quinte basin, Ontario, Canada. *Journal of Great Lakes Research*, 42(5), 972–984.
289. Kim, J., & **Mandrak, N.E.** (2016). Assessing the potential movement of invasive fishes through the Welland Canal. *Journal of Great Lakes Research*, 42(5), 1102–1108.
290. Kim, M.Y., **Ford, B.Q.**, Mauss, I., & Tamir, M. (2015). Knowing when to seek anger: Psychological health and context-sensitive emotional preferences. *Cognition and Emotion*, 29(6), 1126–1136.
291. Kitamoto, K., Ogawa, M., Ajayakumar, G., Masaoka, S., **Kraatz, H.-B.**, & Sakai, K. (2016). Molecular photo-charge-separators enabling single-pigment-driven multi-electron transfer and storage leading to H₂ evolution from water. *Inorganic Chemistry Frontiers*, 3(5), 671–680.
292. **Klenk, N.L.** (2015). The development of assisted migration policy in Canada: An analysis of the politics of composing future forests. *Land Use Policy*, 44, 101–109.
293. **Klenk, N.L.**, & Larson, B.M.H. (2015). The assisted migration of western larch in British Columbia: A signal of institutional change in forestry in Canada? *Global Environmental Change*, 31, 20–27.
294. **Klenk, N.L.**, Larson, B.M.H., & McDermott, C.L. (2015). Adapting forest certification to climate change. *Wiley Interdisciplinary Reviews: Climate Change*, 6(2), 189–201.
295. **Klenk, N.L.**, & Wyatt, S. (2015). The design and management of multi-stakeholder research networks to maximize knowledge mobilization and innovation opportunities in the forest sector. *Forest Policy and Economics*, 61, 77–86.
296. Klinskova, A., Cherepanov, P.V., Ryabinkin, I.G., Ho, M., Ashokkumar, M., **Izmaylov, A.F.**, ... Kumacheva, E. (2016). Shape-dependent interactions of palladium nanocrystals with hydrogen. *Small*, 12(18), 2450–2458.
297. **Kohn, M.** (2016). The critique of possessive individualism: Solidarism and the city. *Political Theory*, 44(5), 603–628.
298. Kolla, N.J., Chiucciariello, L., Wilson, A.A., Houle, S., Links, P., **Bagby, R.M.**, ... Meyer, J.H. (2016). Elevated monoamine oxidase-A distribution volume in borderline personality disorder is associated with severity across mood symptoms, suicidality, and cognition. *Biological Psychiatry*, 79(2), 117–126.
299. Kolmann, M.A., Crofts, S.B., Dean, M.N., Summers, A.P., & **Lovejoy, N.R.** (2015). Morphology does not predict performance: Jaw curvature and prey crushing in durophagous stingrays. *Journal of Experimental Biology*, 218(24), 3941–3949.

300. Kolmann, M.A., **Welch, K.C. Jr.**, Summers, A.P., & **Lovejoy, N.R.** (2016). Always chew your food: Freshwater stingrays use mastication to process tough insect prey. *Proceedings of the Royal Society B: Biological Sciences*, 283(1838).
301. Korosi, J.B., McDonald, J., Coleman, K.A., Palmer, M.J., Smol, J.P., **Simpson, M.J.**, & Blais, J.M. (2015). Long-term changes in organic matter and mercury transport to lakes in the sporadic discontinuous permafrost zone related to peat subsidence. *Limnology and Oceanography*, 60(5), 1550–1561.
302. **Kortenaar, N.T.** (2015). “Touching them into words”: Running with Michael Ondaatje among the dead. *University of Toronto Quarterly*, 84(4), 15–28.
303. Korteweg, A.C., & **Triadafilopoulos, T.** (2015). Is multiculturalism dead? Groups, governments and the “real work of integration”. *Ethnic and Racial Studies*, 38(5), 663–680.
304. Kotowski, M., & **Virág, B.** (2015). Non-Liouville groups with return probability exponent at most $1/2$. *Electronic Communications in Probability*, 20.
305. Kovacevic, V., **Simpson, A.J.**, & **Simpson, M.J.** (2016). ^1H NMR-based metabolomics of *Daphnia magna* responses after sub-lethal exposure to triclosan, carbamazepine and ibuprofen. *Comparative Biochemistry and Physiology – Part D: Genomics and Proteomics*, 19, 199–210.
306. Krabbendam, M., **Eyles, N.**, Putkinen, N., Bradwell, T., & Arbelaez-Moreno, L. (2016). Streamlined hard beds formed by palaeo-ice streams: A review. *Sedimentary Geology*, 338, 24–50.
307. **Kremer, P.** (2015). The incompleteness of $S_4 \oplus S_4$ for the product space $R \times R$. *Studia Logica*, 103(1), 219–226.
308. **Kremer, P.** (2016). Matching topological and frame products of modal logics. *Studia Logica*, 104(3), 487–502.
309. Krishnapur, M., Rider, B., & **Virág, B.** (2016). Universality of the stochastic airy operator. *Communications on Pure and Applied Mathematics*, 69(1), 145–199.
310. Kuyken, W., Warren, F.C., **Segal, Z.**, Taylor, R.S., Whalley, B., Crane, C., Bondolfi, G., ... Dalgleish, T. (2016). Efficacy of mindfulness-based cognitive therapy in prevention of depressive relapse an individual patient data meta-analysis from randomized trials. *JAMA Psychiatry*, 73(6), 565–574.
311. Kushner, S.C., Quilty, L.C., **Uliaszek, A.A.**, McBride, C., & **Bagby, R.M.** (2016). Therapeutic alliance mediates the association between personality and treatment outcome in patients with major depressive disorder. *Journal of Affective Disorders*, 201, 137–144.
312. Lacoursière-Roussel, A., Côté, G., Leclerc, V., Bernatchez, L., & **Cadotte, M.** (2016). Quantifying relative fish abundance with eDNA: A promising tool for fisheries management. *Journal of Applied Ecology*, 53(4), 1148–1157.
313. **Lambek, M.** (2015). Le bonheur suisse, again. *HAU: Journal of Ethnographic Theory*, 5(3), 111–134.
314. **Lambek, M.** (2015). The hermeneutics of ethical encounters between traditions and practice. *HAU: Journal of Ethnographic Theory*, 5(2), 227–250.
315. **Lambek, M.** (2016). Comment. *Journal of the Royal Anthropological Institute*, 22(4), 781–785.
316. **Landolt, P.**, & Goldring, L. (2015). Assembling noncitizenship through the work of conditionality. *Citizenship Studies*, 19(8), 853–869.
317. Lankadurai, B.P., Nagato, E.G., **Simpson, A.J.**, & **Simpson, M.J.** (2015). Analysis of *Eisenia fetida* earthworm responses to sub-lethal C 60 nanoparticle exposure using ^1H -NMR based metabolomics. *Ecotoxicology and Environmental Safety*, 120, 48–58.
318. Latif-ur-Rahman, Shah, A., Khan, S.B., Asiri, A. M., Hussain, H., Han, C., ... **Kraatz, H.-B.** (2015). Synthesis, characterization, and application of Au-Ag alloy nanoparticles for the sensing of an environmental toxin, pyrene. *Journal of Applied Electrochemistry*, 45(5), 463–472.
319. Lawlor-Savage, L., & **Goghari, V.M.** (2016). Dual N-back working memory training in healthy adults: A randomized comparison to processing speed training. *PLoS One*, 11(4).
320. Lawson, A., **Goldstein, M.**, & Dent, C.J. (2016). Bayesian framework for power network planning under uncertainty. *Sustainable Energy, Grids and Networks*, 7, 47–57.
321. Le, A., Stojanoski, B.B., Khan, S., Keough, M., & **Niemeier, M.** (2015). A toggle switch of visual awareness? *Cortex*, 64, 169–178.
322. Leconte, J., Wu, H., **Menou, K.**, & Murray, N. (2015). Asynchronous rotation of earth-mass planets in the habitable zone of lower-mass stars. *Science*, 347(6222), 632–635.
323. Lee, H.C., & **Teichroeb, J.A.** (2016). Partially shared consensus decision making and distributed leadership in vervet monkeys: Older females lead the group to forage. *American Journal of Physical Anthropology*, 161(4), 580–590.
324. **Leonard, G.** (2016). What grows in this stony rubble. *Film International*, 14(1), 68–82.
325. Leung, A., & **Gough, W.** (2016). Air mass distribution and the heterogeneity of the climate change signal in the Hudson Bay/Foxe Basin region, Canada. *Theoretical and Applied Climatology*, 125(3–4), 583–592.
326. Levitsky, S., & **Way, L.A.** (2015). The myth of democratic recession. *Journal of Democracy* 26(1), 45–58.
327. Lewallen, E.A., Bohonak, A.J., Bonin, C.A., Van Wijnen, A.J., Pitman, R.L., & **Lovejoy, N.R.** (2016). Population genetic structure of the tropical two-wing flyingfish (*Exocoetus volitans*). *PLoS One*, 11(10).
328. Li, C., Ma, Z., Chen, J., **Donaldson, D.J.**, Wang, X., Ye, X., Wang, L., ... Mellouki, A. (2015). Evolution of biomass burning smoke particles in the dark. *Atmospheric Environment*, 120, 244–252.
329. Li, G., **Kronzucker, H.J.**, & Shi, W. (2016). Root developmental adaptation to Fe toxicity: Mechanisms and management. *Plant Signaling and Behavior*, 11(1).
330. Li, G., Song, H., Li, B., **Kronzucker, H.J.**, & Shi, W. (2015). Auxin Resistant1 and PIN-FORMED2 protect lateral root formation in *Arabidopsis* under iron stress. *Plant Physiology*, 169(4), 2608–2623.
331. Li, G., Xu, W., **Kronzucker, H.J.**, & Shi, W. (2015). Ethylene is critical to the maintenance of primary root growth and Fe homeostasis under Fe stress in *Arabidopsis*. *Journal of Experimental Botany*, 66(7), 2041–2054.
332. Li, L., Li, Z., **Cadotte, M.W.**, Jia, P., Chen, G., Jin, L.S., & Du, G. (2016). Phylogenetic conservatism and climate factors shape flowering phenology in alpine meadows. *Oecologia*, 182(2), 419–428.

333. Li, L., & **Wania, F.** (2016). Tracking chemicals in products around the world: Introduction of a dynamic substance flow analysis model and application to PCBs. *Environment International*, 94, 674–686.
334. Li, P., Qian, H., **Howard, K.W.F.**, & Wu, J. (2015). Heavy metal contamination of Yellow River alluvial sediments, northwest China. *Environmental Earth Sciences*, 73(7), 3403–3415.
335. Li, S.-P., **Cadotte, M.W.**, Meiners, S.J., Hua, Z.-S., Jiang, L., & Shu, W.-S. (2015). Species colonisation, not competitive exclusion, drives community overdispersion over long-term succession. *Ecology Letters*, 18(9), 964–973.
336. Li, S.-P., **Cadotte, M.W.**, Meiners, S.J., Hua, Z.-S., Shu, H.-Y., Li, J.-T., & Shu, W.-S. (2015). The effects of phylogenetic relatedness on invasion success and impact: Deconstructing Darwin's naturalisation conundrum. *Ecology Letters*, 18(12), 1285–1292.
337. Li, S., Guo, T., **Cadotte, M.W.**, Chen, Y., Kuang, J., Hua, Z., ... Li, J. (2015). Contrasting effects of phylogenetic relatedness on plant invader success in experimental grassland communities. *Journal of Applied Ecology*, 52(1), 89–99.
338. Li, Y., **Kronzucker, H.J.**, & Shi, W. (2016). Microprofiling of nitrogen patches in paddy soil: Analysis of spatiotemporal nutrient heterogeneity at the microscale. *Scientific Reports*, 6.
339. Liao, F.H., **Farber, S.**, & Ewing, R. (2015). Compact development and preference heterogeneity in residential location choice behaviour: A latent class analysis. *Urban Studies*, 52(2), 314–337.
340. Liberda, E.N., **Tsuji, L.J.S.**, & Peltier, R.E. (2015). Mining in subarctic Canada: Airborne PM2.5 metal concentrations in two remote First Nations communities. *Chemosphere*, 139, 452–460.
341. Lin, L.H., & **Simpson, M.J.** (2015). Enhanced extractability of cutin- and suberin-derived organic matter with demineralization implies physical protection over chemical recalcitrance in soil. *Organic Geochemistry*, 97, 111–121.
342. Link, C.M., Thevathasan, N.V., Gordon, A.M., & **Isaac, M.E.** (2015). Determining tree water acquisition zones with stable isotopes in a temperate tree-based intercropping system. *Agroforestry Systems*, 89(4), 611–620.
343. Liu, J., **Zhang, X.**, Song, F., Zhou, S., **Cadotte, M.W.**, & Bradshaw, C.J.A. (2015). Explaining maximum variation in productivity requires phylogenetic diversity and single functional traits. *Ecology*, 96(1), 176–183.
344. Liu, Y., Bezverbnaya, K., Zhao, T., Parsons, M.J., Shi, M., **Treanor, B.L.**, & Ehrhardt, G.R.A. (2015). Involvement of the HCK and FGR src-family kinases in FCRL4-mediated immune regulation. *Journal of Immunology*, 194(12), 5851–5860.
345. Loftus, E., Stewart, B.A., **Dewar, G.**, & Lee-Thorp, J. (2015). Stable isotope evidence of late MIS 3 to middle Holocene palaeoenvironments from Sehonghong Rockshelter, eastern Lesotho. *Journal of Quaternary Science*, 30(8), 805–816.
346. Long, A., Bloch, J.I., & **Silcox, M.T.** (2015). Quantification of neocortical ratios in stem primates. *American Journal of Physical Anthropology*, 157(3), 363–373.
347. Long, T., Wellen, C., **Arhonditsis, G.**, Boyd, D., Mohamed, M., & O'Connor, K. (2015). Estimation of tributary total phosphorus loads to Hamilton Harbour, Ontario, Canada, using a series of regression equations. *Journal of Great Lakes Research*, 41(3), 780–793.
348. Longstaffe, J.G., Courtier-Murias, D., & **Simpson, A.J.** (2016). A nuclear magnetic resonance study of the dynamics of organofluorine interactions with a dissolved humic acid. *Chemosphere*, 145, 307–313.
349. López-Torres, S., **Schillaci, M.A.**, & **Silcox, M.T.** (2015). Life history of the most complete fossil primate skeleton: Exploring growth models for *Darwinius*. *Royal Society Open Science*, 2(9).
350. Lowe, M.X., Gallivan, J.P., Ferber, S., & **Cant, J.S.** (2016). Feature diagnosticity and task context shape activity in human scene-selective cortex. *Neuroimage*, 125, 681–692.
351. Lujan, N.K., Armbruster, J.W., **Lovejoy, N.R.**, & López-Fernández, H. (2015). Multilocus molecular phylogeny of the suckermouth armored catfishes (Siluriformes: Loricariidae) with a focus on subfamily Hypostominae. *Molecular Phylogenetics and Evolution*, 82(PA), 269–288.
352. Lumactud, R., Shen, S.Y., Lau, M., & **Fulthorpe, R.** (2016). Bacterial endophytes isolated from plants in natural oil seep soils with chronic hydrocarbon contamination. *Frontiers in Microbiology*, 7(MAY).
353. Luo, Y., Liu, J., Tan, S., **Cadotte, M.W.**, Wang, Y., Xu, K., ... Gao, L. (2016). Trait-based community assembly along an elevational gradient in subalpine forests: Quantifying the roles of environmental factors in inter- and intraspecific variability. *PLoS One*, 11(5).
354. MacIvor, J.S., **Cadotte, M.W.**, Livingstone, S.W., Lundholm, J.T., Yasui, S.-L.E., & Diamond, S. (2016). Phylogenetic ecology and the greening of cities. *Journal of Applied Ecology*, 53(5), 1470–1476. <http://dx.doi.org/10.1111/1365-2664.12667>
355. **Maglio, S.J.**, & Kwok, C.Y.N. (2016). Anticipated ambiguity prolongs the present: Evidence of a return trip effect. *Journal of Experimental Psychology: General*, 145(11), 1415–1419.
356. **Maglio, S.J.**, & Polman, E. (2016). Revising probability estimates: Why increasing likelihood means increasing impact. *Journal of Personality and Social Psychology*, 111(2), 141–158.
357. Manasse, S.M., Espel, H.M., Forman, E.M., **Ruocco, A.C.**, Juarascio, A.S., Butryn, M.L., ... Lowe, M.R. (2015). The independent and interacting effects of hedonic hunger and executive function on binge eating. *Appetite*, 89, 16–21.
358. Manasse, S.M., Forman, E.M., **Ruocco, A.C.**, Butryn, M.L., Juarascio, A.S., & Fitzpatrick, K.K. (2015). Do executive functioning deficits underpin binge eating disorder? A comparison of overweight women with and without binge eating pathology. *International Journal of Eating Disorders*, 48(6), 677–683.
359. Manasse, S.M., Goldstein, S.P., Wyckoff, E., Forman, E.M., Juarascio, A.S., Butryn, M.L., ... **Ruocco, A.C.**, Nederkoorn, C. (2016). Slowing down and taking a second look: Inhibitory deficits associated with binge eating are not food-specific. *Appetite*, 96, 555–559.

360. **Mandrak, N.E.**, & Cudmore, B. (2015). Risk assessment: Cornerstone of an aquatic invasive species program. *Aquatic Ecosystem Health and Management*, 18(3), 312–320.
361. Manz, C.L., Chester, S.G.B., Bloch, J.I., **Silcox, M.T.**, & Sargis, E.J. (2015). New partial skeletons of Palaeocene Nyctitheriidae and evaluation of proposed euarchontan affinities. *Biology Letters*, 11(1).
362. Marcogliese, D.J., **Mandrak, N.E.**, Gendron, A.D., Forest, J.J.H., Li, W., Boyce, K., El-Shehabi, F., ... McLaughlin, J.D. (2016). Range expansion and molecular confirmation of the Asian fish tapeworm in the lower Great Lakes and St. Lawrence River with notes on infections in baitfish. *Journal of Great Lakes Research*, 42(4), 819–828.
363. Marshall, M.H.M., McKelvie, J.R., **Simpson, A.J.**, & **Simpson, M.J.** (2015). Characterization of natural organic matter in bentonite clays for potential use in deep geological repositories for used nuclear fuel. *Applied Geochemistry*, 54, 43–53.
364. Masoom, H., Adamo, A., & **Simpson, A.J.** (2016). From the environment to NMR: Water suppression for whole samples in their native state. *Environmental Chemistry*, 13(4), 767–775.
365. Masoom, H., Courtier-Murias, D., Farooq, H., Soong, R., Kelleher, B.P., Zhang, C., ... **Simpson, A.J.** (2016). Soil organic matter in its native state: Unravelling the most complex biomaterial on earth. *Environmental Science and Technology*, 50(4), 1670–1680.
366. Masoom, H., Courtier-Murias, D., Soong, R., Maas, W.E., Fey, M., Kumar, R., ... **Simpson, A.J.** (2015). From spill to sequestration: The molecular journey of contamination via comprehensive multiphase NMR. *Environmental Science and Technology*, 49(24), 13983–13991.
367. Matisoff, G., Kaltenberg, E.M., Steely, R.L., Hummel, S.K., Seo, J., **Dittrich, M.**, Gibbons, K.J., ... Chaffin, J.D. (2016). Internal loading of phosphorus in western Lake Erie. *Journal of Great Lakes Research*, 42(4), 775–788.
368. **Maurice, A.** (2015). Fiction, drama, and the space between: Race and performance in James's *The Other House*. *Henry James Review*, 36(1), 81–91.
369. Mazur, M.E.E., Eckley, C.S., & **Mitchell, C.P.J.** (2015). Susceptibility of soil bound mercury to gaseous emission as a function of source depth: An enriched isotope tracer investigation. *Environmental Science and Technology*, 49(15), 9143–9149.
370. McAbee, S.T., & **Connelly, B.S.** (2016). A multi-rater framework for studying personality: The trait-reputation-identity model. *Psychological Review*, 123(5), 569–591.
371. **McCarthy, J.M.**, Treadway, M.T., Bennett, M.E., & Blanchard, J.J. (2016). Inefficient effort allocation and negative symptoms in individuals with schizophrenia. *Schizophrenia Research*, 170(2–3), 278–284.
372. **McCarthy, J.M.**, Treadway, M.T., & Blanchard, J.J. (2015). Motivation and effort in individuals with social anhedonia. *Schizophrenia Research*, 165(1), 70–75.
373. **McCarthy, J.M.**, **Trougakos, J.P.**, & Cheng, B.H. (2016). Are anxious workers less productive workers? It depends on the quality of social exchange. *Journal of Applied Psychology*, 101(2), 279–291.
374. **McElheran, K.S.** (2015). Do market leaders lead in business process innovation? The case(s) of e-business adoption. *Management Science*, 61(6), 1197–1216.
375. McGee Ng, S.A., **Bagby, R.M.**, Goodwin, B.E., Burchett, D., Sellbom, M., Ayerst, L.E., ... Baker, S. (2016). The effect of response bias on the personality inventory for DSM-5 (PID-5). *Journal of Personality Assessment*, 98(1), 51–61.
376. McGovern, P.G., & **Gough, W.A.** (2015). East–west asymmetry in coastal temperatures of Hudson Bay as a proxy for sea ice. *Arctic*, 68(4), 445–452.
377. **McGowan, P.O.**, & Roth, T.L. (2015). Epigenetic pathways through which experiences become linked with biology. *Development and Psychopathology*, 27(2), 637–648.
378. McLagan, D.S., Mazur, M.E.E., **Mitchell, C.P.J.**, & **Wania, F.** (2016). Passive air sampling of gaseous elemental mercury: A critical review. *Atmospheric Chemistry and Physics*, 16(5), 3061–3076.
379. McLagan, D.S., **Mitchell, C.P.J.**, Huang, H., Lei, Y.D., Cole, A.S., Steffen, A., ... **Wania, F.** (2016). A high-precision passive air sampler for gaseous mercury. *Environmental Science and Technology Letters*, 3(1), 24–29.
380. **McLeod, K.** (2016). Living in the immaterial world: Holograms and spirituality in recent popular music. *Popular Music and Society*, 39(5), 501–515.
381. McMain, S., Newman, M.G., **Segal, Z.V.**, & DeRubeis, R.J. (2015). Cognitive behavioral therapy: Current status and future research directions. *Psychotherapy Research*, 25(3), 321–329.
382. **Menou, K.** (2015). Climate stability of habitable Earth-like planets. *Earth and Planetary Science Letters*, 429, 20–24.
383. Milyavskaya, M., **Inzlicht, M.**, Hope, N., & Koestner, R. (2015). Saying “no” to temptation: Want-to motivation improves self-regulation by reducing temptation rather than by increasing self-control. *Journal of Personality and Social Psychology*, 109(4), 677–693.
384. Mitchell, P.J., **Simpson, A.J.**, Soong, R., & **Simpson, M.J.** (2015). Shifts in microbial community and water-extractable organic matter composition with biochar amendment in a temperate forest soil. *Soil Biology and Biochemistry*, 81, 244–254.
385. Mitchell, P.J., **Simpson, A.J.**, Soong, R., & **Simpson, M.J.** (2016). Biochar amendment altered the molecular-level composition of native soil organic matter in a temperate forest soil. *Environmental Chemistry*, 13(5), 854–866.
386. Mobarhan, Y.L., Fortier-McGill, B., Soong, R., Maas, W.E., Fey, M., Monette, M., ... **Simpson, A.J.** (2016). Comprehensive multiphase NMR applied to a living organism. *Chemical Science*, 7(8), 4856–4866.
387. **Mollett, S.** (2016). The power to plunder: Rethinking land grabbing in Latin America. *Antipode*, 48(2), 412–432.
388. Morenz, K.J., Shi, Q., Murphy, J.G., & **Donaldson, D.J.** (2016). Nitrate photolysis in salty snow. *Journal of Physical Chemistry A*, 120(40), 7902–7908.
389. Morley, E.L., & **Mason, A.C.** (2015). Active auditory mechanics in female black-horned tree crickets (*Oecanthus nigricornis*). *Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology*, 201(12), 1147–1155.
390. Morley, E.L., Sivalingham, S., & **Mason, A.C.** (2016). Developmental morphology of a lyriform organ in the western black widow (*Latrodectus hesperus*). *Zoomorphology*, 135(4), 433–440.

391. Mullen, A.L., & Baker, J. (2015). Participation without parity in U.S. higher education: Gender, fields of study, and institutional selectivity. *NASPA Journal about Women in Higher Education*, 8(2), 172–188.
392. Munroe, J.W., Soto, G., de M. Virginio Filho, E., Fulthorpe, R., & Isaac, M.E. (2015). Soil microbial and nutrient properties in the rhizosphere of coffee under agroforestry management. *Applied Soil Ecology*, 93, 40–46.
393. Muthukumarana, S., & Evans, M. (2015). Bayesian inference in two-arm trials using relative belief ratios. *Pharmaceutical Statistics*, 14(6), 471–478.
394. Mylotte, R., Sutrisno, A., Farooq, H., Masoom, H., Soong, R., Hayes, M.H.B., & Simpson, A.J. (2016). Insights into the composition of recalcitrant organic matter from estuarine sediments using NMR spectroscopy. *Organic Geochemistry*, 98, 155–165.
395. Nagato, E.G., Lankadurai, B.P., Soong, R., Simpson, A.J., & Simpson, M.J. (2015). Development of an NMR microprobe procedure for high-throughput environmental metabolomics of *Daphnia magna*. *Magnetic Resonance in Chemistry*, 53(9), 745–753.
396. Nagato, E.G., Simpson, A.J., & Simpson, M.J. (2016). Metabolomics reveals energetic impairments in *Daphnia magna* exposed to diazinon, malathion and bisphenol-A. *Aquatic Toxicology*, 170, 175–186.
397. Nagesh, J., Izmaylov, A.F., & Brumer, P. (2015). An efficient implementation of the localized operator partitioning method for electronic energy transfer. *Journal of Chemical Physics*, 142(8).
398. Nasielski, J., Furze, J.R., Tan, J., Bargaz, A., Thevathasan, N.V., & Isaac, M.E. (2015). Agroforestry promotes soybean yield stability and N₂-fixation under water stress. *Agronomy for Sustainable Development*, 35(4), 1541–1549.
399. Nemrodov, D., Niemeier, M., Mok, J.N.Y., & Nestor, A.R. (2016). The time course of individual face recognition: A pattern analysis of ERP signals. *Neuroimage*, 132, 469–476.
400. Nimal, R., Aftab, S., Rana, U.A., Kraatz, H.-B., Lashin, A., Ud-Din Khan, S., Ali, S., ... Shah, A. (2016). Redox mechanism, antioxidant activity and computational studies of triazole and phenol containing Schiff bases. *Journal of the Electrochemical Society*, 163(10), H871–H880.
401. Nguyen, D., Schumacher, A., Erb, S., & Ito, R. (2015). Aberrant approach–avoidance conflict resolution following repeated cocaine pre-exposure. *Psychopharmacology*, 232(19), 3573–3583.
402. Nofiele, J.T., Haedicke, I.E., Zhu, Y.L.K., Zhang, X., & Cheng, H.M. (2015). Gadolinium-free extracellular MR contrast agent for tumor imaging. *Journal of Magnetic Resonance Imaging*, 41(2), 397–403.
403. Norrlof, C., & Reich, S. (2015). American and Chinese leadership during the global financial crisis: Testing Kindleberger's stabilization functions. *International Area Studies Review*, 18(3), 227–250.
404. Nøst, T.H., Breivik, K., Wania, F., Rylander, C., Odland, J.Ø., & Sandanger, T.M. (2016). Estimating time-varying PCB exposures using person-specific predictions to supplement measured values: A comparison of observed and predicted values in two cohorts of Norwegian women. *Environmental Health Perspectives*, 124(3), 299–305.
405. Noyce, G.L., Basiliko, N., Fulthorpe, R., Sackett, T.E., & Thomas, S.C. (2015). Soil microbial responses over 2 years following biochar addition to a north temperate forest. *Biology and Fertility of Soils*, 51(6), 649–659.
406. Noyce, G.L., Fulthorpe, R., Gorgolewski, A., Hazlett, P., Tran, H., & Basiliko, N. (2016). Soil microbial responses to wood ash addition and forest fire in managed Ontario forests. *Applied Soil Ecology*, 107, 368–380.
407. Noyce, G.L., Winsborough, C., Fulthorpe, R., & Basiliko, N. (2016). The microbiomes and metagenomes of forest biochars. *Scientific Reports*, 6.
408. Noyhouzer, T., L'Homme, C., Beaulieu, I., Mazurkiewicz, S., Kuss, S., Kraatz, H.-B., ... Mauzeroll, J. (2016). Ferrocene-modified phospholipid: An innovative precursor for redox-triggered drug delivery vesicles selective to cancer cells. *Langmuir*, 32(17), 4169–4178.
409. O'Donohue, W., Hutchings, K., & Montes, S.D. (2015). Special issue on expatriates and psychological contracts. *International Journal of Human Resource Management*, 26(4), 547–549.
410. O'Neil, E.B., Newsome, R.N., Li, I.H.N., Thavabalasingam, S., Ito, R., & Lee, A.C.H. (2015). Examining the role of the human hippocampus in approach–avoidance decision making using a novel conflict paradigm and multivariate functional magnetic resonance imaging. *Journal of Neuroscience*, 35(45), 15039–15049.
411. O'Neil, E.B., Watson, H.C., Dhillon, S., Lobaugh, N.J., & Lee, A.C.H. (2015). Multivariate fMRI and eye tracking reveal differential effects of visual interference on recognition memory judgments for objects and scenes. *Journal of Cognitive Neuroscience*, 27(9), 1708–1722.
412. Onandia, G., Gudimov, A., Miracle, M.R., & Arhonditsis, G. (2015). Towards the development of a biogeochemical model for addressing the eutrophication problems in the shallow hypertrophic lagoon of Albufera de Valencia, Spain. *Ecological Informatics*, 26(P3), 70–89.
413. Orbanz, P., & Roy, D.M. (2015). Bayesian models of graphs, arrays and other exchangeable random structures. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, 37(2), 437–461.
414. Otálora-Ardila, A., Herrera, M.L., Flores-Martínez, J.J., & Welch, K.C. Jr. (2016). Metabolic cost of the activation of immune response in the fish-eating myotis (*Myotis vivesi*): The effects of inflammation and the acute phase response. *PLoS One*, 11(10).
415. Owen, J.E., & Menou, K. (2016). Disk-fed giant planet formation. *Astrophysical Journal Letters*, 819(1).
416. Paci, A., Liu, P.X.H., Zhang, L., & Zhao, R. (2016). The proteasome subunit Rpn8 interacts with the small nucleolar RNA protein (snoRNP) assembly protein Pih1 and mediates its ubiquitin-independent degradation in *Saccharomyces cerevisiae*. *Journal of Biological Chemistry*, 291(22), 11761–11775.
417. Palermo, C., & Dittrich, M.B. (2016). Evidence for the biogenic origin of manganese-enriched layers in Lake Superior sediments. *Environmental Microbiology Reports*, 8(2), 179–186.
418. Parveen, N., Shah, A., Khan, S.Z., Khan, S.U.-D., Rana, U.A., Fathi, F., ... Kraatz, H.-B. (2015). Synthesis, spectroscopic characterization, pH dependent electrochemistry and computational studies of piperazinic compounds. *Journal of the Electrochemical Society*, 162(1), H32–H39.

419. Passananti, M., Kong, L., Shang, J., **Donaldson, D.J.**, Dupart, Y., Perrier, S., Chen, J., ... George, C. (2016). Organosulfate formation through the heterogeneous reaction of sulfur dioxide with unsaturated fatty acids and long-chain alkenes. *Angewandte Chemie*, 55(35), 10336–10339.
420. Patterson, M., & **Silver, D.** (2015). The place of art: Local area characteristics and arts growth in Canada, 2001–2011. *Poetics*, 51, 69–87.
421. Patterson, Z., & **Farber, S.** (2015). Potential path areas and activity spaces in application: A review. *Transport Reviews*, 35(6), 679–700.
422. Pearse, W.D., **Cadotte, M.W.**, Cavender-Bares, J., Ives, A.R., Tucker, C.M., Walker, S.C., & Helmus, M.R. (2015). pez: Phylogenetics for the environmental sciences. *Bioinformatics*, 31(17), 2888–2890.
423. Perhar, G., & **Arhonditsis, G.B.** (2015). Development of a metabolite-driven daphnia ecophysiological model. *Ecological Informatics*, 30, 82–96.
424. Perhar, G., Kelly, N.E., Ni, F.J., **Simpson, M.J.**, **Simpson, A.J.**, & **Arhonditsis, G.B.** (2016). Using daphnia physiology to drive food web dynamics: A theoretical revisit of Lotka-Volterra models. *Ecological Informatics*, 35, 29–42.
425. Perruchoud, L.H., Hadzovic, A., & **Zhang, X.** (2015). Ultrasensitive anion detection by NMR spectroscopy: A supramolecular strategy based on modulation of chemical exchange rate. *Chemistry*, 21(24), 8711–8715.
426. Perruchoud, L.H., Jones, M.D., Sutrisno, A., Zamble, D.B., **Simpson, A.J.**, & **Zhang, X.** (2015). A ratiometric NMR pH sensing strategy based on a slow-proton-exchange (SPE) mechanism. *Chemical Science*, 6(11), 6305–6311.
427. Pisani, O., Frey, S.D., **Simpson, A.J.**, & **Simpson, M.J.** (2015). Soil warming and nitrogen deposition alter soil organic matter composition at the molecular-level. *Biogeochemistry*, 123(3), 391–409.
428. Pisani, O., Haddix, M.L., Conant, R.T., Paul, E.A., & **Simpson, M.J.** (2016). Molecular composition of soil organic matter with land-use change along a bi-continental mean annual temperature gradient. *Science of the Total Environment*, 573, 470–480.
429. Porter, T.J., Froese, D.G., Feakins, S.J., Bindeman, I.N., Mahony, M.E., Pautler, B.G., **Simpson, M.J.**, ... Weijers, J.W.H. (2016). Multiple water isotope proxy reconstruction of extremely low last glacial temperatures in Eastern Beringia (Western Arctic). *Quaternary Science Reviews*, 137, 113–125.
430. Potvin, L.A., **Brown, H.K.**, & Cobigo, V. (2016). Social support received by women with intellectual and developmental disabilities during pregnancy and childbirth: An exploratory qualitative study. *Midwifery*, 37, 57–64.
431. Prince, J.B., Vuvan, D.T., **Schmuckler, M.A.**, & Scott-Clark, T.T. (2015). Tonal priming is resistant to changes in pitch height. *Attention, Perception, and Psychophysics*, 77(6), 2011–2020.
432. Prufrock, K.A., Boyer, D.M., & **Silcox, M.T.** (2016). The first major primate extinction: An evaluation of paleoecological dynamics of North American stem primates using a homology free measure of tooth shape. *American Journal of Physical Anthropology*, 159(4), 683–697.
433. Prufrock, K.A., López-Torres, S., **Silcox, M.T.**, & Boyer, D.M. (2016). Surfaces and spaces: Troubleshooting the study of dietary niche space overlap between North American Stem primates and rodents. *Surface Topography: Metrology and Properties*, 4(2).
434. Pulido-Santacruz, P., & **Weir, J.T.** (2016). Extinction as a driver of avian latitudinal diversity gradients. *Evolution*, 70(4), 860–872.
435. Rabaglia, C.D., **Maglio, S.J.**, Krehm, M., Seok, J.H., & Trope, Y. (2016). The sound of distance. *Cognition*, 152, 141–149.
436. Rahman, L., Shah, A., Lunsford, S.K., Han, C., Nadagouda, M.N., **Kraatz, H.-B.**, Sahle-Demessie, E., ... Dionysiou, D.D. (2015). Monitoring of 2–butanone using a Ag–Cu bimetallic alloy nanoscale electrochemical sensor. *RSC Advances*, 5(55), 44427–44434.
437. Randles, D., **Inzlicht, M.**, Proulx, T., Tullett, A.M., & Heine, S.J. (2015). Is dissonance reduction a special case of fluid compensation? Evidence that dissonant cognitions cause compensatory affirmation and abstraction. *Journal of Personality and Social Psychology*, 108(5), 697–710.
438. Randles, D., Kam, J.W.Y., Heine, S.J., **Inzlicht, M.**, & Handy, T.C. (2016). Acetaminophen attenuates error evaluation in cortex. *Social Cognitive and Affective Neuroscience*, 11(6), 899–906.
439. Rauf, A., Shah, A., Abbas, S., Rana, U.A., Khan, S.U., Ali, S., **Kraatz, H.-B.**, ... Belanger-Gariepy, F. (2015). Synthesis, spectroscopic characterization and pH dependent photometric and electrochemical fate of Schiff bases. *Spectrochimica Acta – Part A: Molecular and Biomolecular Spectroscopy*, 138, 58–66.
440. **Reddy, R.N.** (2015). Producing abjection: E-waste improvement schemes and informal recyclers of Bangalore. *Geoforum*, 62, 166–174.
441. **Reddy, R.N.** (2016). Reimagining e-waste circuits: Calculation, mobile policies, and the move to urban mining in global south cities. *Urban Geography*, 37(1), 57–76.
442. Reed, K.F., **Arhonditsis, G.B.**, France, J., & Kebreab, E. (2016). Technical note: Bayesian calibration of dynamic ruminant nutrition models. *Journal of Dairy Science*, 99(8), 6362–6370.
443. Reid, M.J.C., Switzer, W.M., **Schillaci, M.A.**, Ragonnet-Cronin, M., Joannis, I., Caminiti, K., ... Brooks, J.I. (2016). Detailed phylogenetic analysis of primate T-lymphotropic virus type 1 (PTLV-1) sequences from orangutans (*Pongo pygmaeus*) reveals new insights into the evolutionary history of PTLV-1 in Asia. *Infection, Genetics and Evolution*, 43, 434–450.
444. **Rein, H.** (2015). Reanalysis of radial velocity data from the resonant planetary system HD128311. *Monthly Notices of the Royal Astronomical Society: Letters*, 448(1), L58–L61.
445. **Rein, H.**, & Tamayo, D. (2015). WHFAST: A fast and unbiased implementation of a symplectic Wisdom-Holman integrator for long-term gravitational simulations. *Monthly Notices of the Royal Astronomical Society*, 452(1), 376–388.
446. **Rein, H.**, & Tamayo, D. (2016). Second-order variational equations for N-body simulations. *Monthly Notices of the Royal Astronomical Society*, 459(3), 2275–2285.
447. Restrepo, A.R., Hayward, S.J., Armitage, J.M., & **Wania, F.** (2015). Evaluating the PAS-SIM model using a passive air sampler calibration study for pesticides. *Environmental Sciences: Processes and Impacts*, 17(7), 1228–1237.
448. Reyes, E.S., Liberda, E.N., & **Tsuji, L.J.S.** (2015). Human exposure to soil contaminants in subarctic Ontario, Canada. *International Journal of Circumpolar Health*, 74.

449. Ricker, N., Shen, S.Y., Goordial, J., Jin, S., & **Fulthorpe, R.R.** (2016). PacBio SMRT assembly of a complex multi-replicon genome reveals chlorocatechol degradative operon in a region of genome plasticity. *Gene*, 586(2), 239–247.
450. Roberts, A.W., Hobbs, R.W., **Goldstein, M.**, Moorkamp, M., Jegen, M., & Heincke, B. (2015). Joint stochastic constraint of a large data set from a salt dome. *Geophysics*, 81(2), ID1–ID24.
451. Roberts, W.M., Augustine, S.B., Lawton, K.J., Lindsay, T.H., **Thiele, T.R.**, Izquierdo, E.J., ... Lockery, S.R. (2016). A stochastic neuronal model predicts random search behaviors at multiple spatial scales in *C. elegans*. *Elife*, 5:e12572.
452. Rode, M., Wade, **Arhonditsis, G.B.**, Wade, A.J., Cohen, M.J., Hensley, R.T., Bowes, M.J., Kirchner, J.W., ... Jomaa, S. (2016). Sensors in the stream: The high-frequency wave of the present. *Environmental Science and Technology*, 50(19), 10297–10307.
453. Rodrigo, A.H., Di Domenico, S.I., Graves, B., Lam, J., Ayaz, H., Bagby, R.C., & **Ruocco, A.C.** (2015). Linking trait-based phenotypes to prefrontal cortex activation during inhibitory control. *Social Cognitive and Affective Neuroscience*, 11(1), 55–65.
454. Rolo, V., Rivest, D., Lorente, M., Kattge, J., Moreno, G., & **Cadotte, M.** (2016). Taxonomic and functional diversity in Mediterranean pastures: Insights on the biodiversity–productivity trade-off. *Journal of Applied Ecology*, 53(5), 1575–1584.
455. Rossignol, S., Tinel, L., Bianco, A., Passananti, M., Brigante, M., **Donaldson, D.J.**, & George, C. (2016). Atmospheric photochemistry at a fatty acid-coated air–water interface. *Science*, 353(6300), 699–702.
456. Rowe, M., Albrecht, T., Cramer, E.R.A., Johnsen, A., Laskemoen, T., **Weir, J.T.**, & Lifjeld, J.T. (2015). Postcopulatory sexual selection is associated with accelerated evolution of sperm morphology. *Evolution*, 69(4), 1044–1052.
457. Rubin, L.H., Connelly, J.J., Reilly, J.L., **Ruocco, A.C.**, Carter, C.S., Drogos, L.L., Pournajafi-Nazarloo, H., ... Sweeney, J.A. (2016). Sex and diagnosis-specific associations between DNA methylation of the oxytocin receptor gene with emotion processing and temporal-limbic and prefrontal brain volumes in psychotic disorders. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*, 1(2), 141–151.
458. **Ruocco, A.C.** (2016). Compliance on neuropsychological performance validity testing in patients with borderline personality disorder. *Psychological Assessment*, 28(3), 345–350.
459. **Ruocco, A.C.**, Hudson, J.I., Zanarini, M.C., & Gunderson, J.G. (2015). Familial aggregation of candidate phenotypes for borderline personality disorder. *Personality Disorders: Theory, Research, and Treatment*, 6(1), 75–80.
460. **Ruocco, A.C.**, Rodrigo, A.H., Carcone, D., McMain, S., Jacobs, G., & Kennedy, J.L. (2016). Tryptophan hydroxylase 1 gene polymorphisms alter prefrontal cortex activation during response inhibition. *Neuropsychology*, 30(1), 18–27.
461. **Ruocco, A.C.**, Rodrigo, A.H., McMain, S.F., Page-Gould, E., Ayaz, H., & Links, P.S. (2016). Predicting treatment outcomes from prefrontal cortex activation for self-harming patients with borderline personality disorder: A preliminary study. *Frontiers in Human Neuroscience*, 10, 220.
462. Ryabinkin, I.G., Nagesh, J., & **Izmaylov, A.F.** (2015). Fast numerical evaluation of time-derivative nonadiabatic couplings for mixed quantum-classical methods. *Journal of Physical Chemistry Letters*, 6(21), 4200–4203.
463. Sadel, C., & **Virág, B.** (2016). A central limit theorem for products of random matrices and GOE statistics for the Anderson model on long boxes. *Communications in Mathematical Physics*, 343(3), 881–919.
464. **Saks, A.M.**, & Gruman, J.A. (2015). Mindfulness and the transfer of training. *Industrial and Organizational Psychology*, 8(4), 689–694.
465. **Saks, A.M.**, Zikic, J., & Koen, J. (2015). Job search self-efficacy: Reconceptualizing the construct and its measurement. *Journal of Vocational Behavior*, 86, 104–114.
466. **Salem, R.** (2016). The gendered effects of labour market experiences on marriage timing in Egypt. *Demographic Research*, 35(1), 283–314.
467. Sasaki, A., Sivanathan, S., Hussain, A., Shanmuganathan, P., Sivakumaran, A., & **Erb, S.** (2015). Potentiation of the expression of cocaine-induced sensitization by a conditioned stressor. *Behavioural Brain Research*, 292, 278–282.
468. Saunders, B., He, F.F.H., & **Inzlicht, M.** (2015). No evidence that gratitude enhances neural performance monitoring or conflict-driven control. *PLoS One*, 10(12).
469. Saunders, B., Milyavskaya, M., & **Inzlicht, M.** (2015). What does cognitive control feel like? Effective and ineffective cognitive control is associated with divergent phenomenology. *Psychophysiology*, 52(9), 1205–1217.
470. Saunders, B., Rodrigo, A.H., & **Inzlicht, M.** (2016). Mindful awareness of feelings increases neural performance monitoring. *Cognitive, Affective and Behavioral Neuroscience*, 16(1), 93–105.
471. Sawyer, J.M., Arts, M.T., **Arhonditsis, G.**, & Diamond, M.L. (2016). A general model of polyunsaturated fatty acid (PUFA) uptake, loss and transformation in freshwater fish. *Ecological Modelling*, 323, 96–105.
472. Scharinger, M., **Monahan, P.J.**, & Idsardi, W.J. (2016). Linguistic category structure influences early auditory processing: Converging evidence from mismatch responses and cortical oscillations. *Neuroimage*, 128, 293–301.
473. Schumacher, A., Sivanandan, B., Tolledo, E.C., Woldegabriel, J., & **Ito, R.** (2016). Different dosing regimens of repeated ketamine administration have opposite effects on novelty processing in rats. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, 69, 1–10.
474. Schumacher, A., Vlassov, E., & **Ito, R.** (2016). The ventral hippocampus, but not the dorsal hippocampus is critical for learned approach–avoidance decision making. *Hippocampus*, 26(4), 530–542.
475. Schweinsberg, M., Madan, N., Vianello, M., Sommer, S.A., **Inbar, Y.**, Jordan, J., Tierney, W., ... Uhlmann, E.L. (2016). The pipeline project: Pre-publication independent replications of a single laboratory's research pipeline. *Journal of Experimental Social Psychology*, 66, 55–67.
476. Scott, S.E., **Inbar, Y.**, & Rozin, P. (2016). Evidence for absolute moral opposition to genetically modified food in the United States. *Perspectives on Psychological Science*, 11(3), 315–324.

477. Scott, K.A., & **Zweig, D.** (2016). Understanding and mitigating cynicism in the workplace. *Journal of Managerial Psychology*, 31(2), 552–569.
478. Seabloom, E.W., Borer, E.T., Buckley, Y.M., **Cadotte, M.**, Cleland, E.E., Davies, K.F., Firn, J., ... Yang, L. (2015). Plant species origin predicts dominance and response to nutrient enrichment and herbivores in global grasslands. *Nature Communications*, 6.
479. Shah, A.H., Zaid, W., Shah, A., Rana, U.A., Hussain, H., Ashiq, M.N., ... **Kraatz, H.-B.** (2015). PH dependent electrochemical characterization, computational studies and evaluation of thermodynamic, kinetic and analytical parameters of two phenazines. *Journal of the Electrochemical Society*, 162(3), H115–H123.
480. **Shanks, T.** (2015). Toleration and democratic membership: John Locke and Michel de Montaigne on monsters. *Political Theory*, 43(4), 451–472.
481. **Sharma, J.** (2016). Producing Himalayan Darjeeling: Mobile people and mountain encounters. *Himalaya*, 35(2), 87–101.
482. She, Z., Topping, K., Shamsi, M.H., Wang, N., Chan, N.W.C., & **Kraatz, H.-B.** (2015). Investigation of the utility of complementary electrochemical detection techniques to examine the in vitro affinity of bacterial flagellins for a toll-like receptor 5 biosensor. *Analytical Chemistry*, 87(8), 4218–4224.
483. Shen, S.Y., & **Fulthorpe, R.** (2015). Seasonal variation of bacterial endophytes in urban trees. *Frontiers in Microbiology*, 6(MAY).
484. Sheriff, M.J., McMahon, E.K., Krebs, C.J., & **Boonstra, R.** (2015). Predator-induced maternal stress and population demography in snowshoe hares: The more severe the risk, the longer the generational effect. *Journal of Zoology*, 296(4), 305–310.
485. Sherkina-Lieber, M., & **Helms-Park, R.** (2015). A prototype of a receptive lexical test for a polysynthetic heritage language: The case of Inuttitut in Labrador. *Language Testing*, 32(4), 419–442.
486. Shimoda, Y., & **Arhonditsis, G.B.** (2015). Integrating hierarchical Bayes with phosphorus loading modelling. *Ecological Informatics*, 29(P1), 77–91.
487. Shimoda, Y., Rao, Y.R., Watson, S., & **Arhonditsis, G.B.** (2016). Optimizing the complexity of phytoplankton functional group modeling: An allometric approach. *Ecological Informatics*, 31, 1–17.
488. Shimoda, Y., Watson, S.B., Palmer, M.E., Koops, M.A., Mugalingam, S., Morley, A., & **Arhonditsis, G.B.** (2016). Delineation of the role of nutrient variability and dreissenids (Mollusca, Bivalvia) on phytoplankton dynamics in the Bay of Quinte, Ontario, Canada. *Harmful Algae*, 55, 121–136.
489. Shorbagi, S., & **Brown, I.R.** (2016). Dynamics of the association of heat shock protein HSPA6 (Hsp70B') and HSPA1A (Hsp70–1) with stress-sensitive cytoplasmic and nuclear structures in differentiated human neuronal cells. *Cell Stress and Chaperones*, 21(6), 993–1003.
490. Silva, L.M.A., Filho, E.G.A., **Simpson, A.J.**, Monteiro, M.R., & Venâncio, T. (2016). Comprehensive multiphase NMR spectroscopy: A new analytical method to study the effect of biodiesel blends on the structure of commercial rubbers. *Fuel*, 166, 436–445.
491. **Silver, D.**, Lee, M., & **Childress, C.C.** (2016). Genre complexes in popular music. *PLoS One*, 11(5).
492. **Silver, D.**, & Nichols Clark, T. (2015). The power of scenes: Quantities of amenities and qualities of places. *Cultural Studies*, 29(3), 425–449.
493. **Silver, M.P.** (2015). Patient perspectives on online health information and communication with doctors: A qualitative study of patients 50 years old and over. *Journal of Medical Internet Research*, 17(1), e19.
494. **Silver, M.P.** (2016). An inquiry into self-identification with retirement. *Journal of Women and Aging*, 28(6), 477–488.
495. **Silver, M.P.** Hamilton, A.D., Biswas, A., & Warrick, N.I. (2016). A systematic review of physician retirement planning. *Human Resources for Health*, 14(1).
496. **Silver, M.P.** Pang, N.C., & Williams, S.A. (2015). “Why give up something that works so well?”: Retirement expectations among academic physicians. *Educational Gerontology*, 41(5), 333–347.
497. **Silver, M.P.** Warrick, N.I., & Cyr, A. (2016). Student expectations about mental health and aging. *Gerontology and Geriatrics Education*, 37(2), 185–207.
498. **Simpson, A.J.**, Liaghati, Y., Fortier-McGill, B., Soong, R., & Akhter, M. (2015). Perspective: In vivo NMR – A potentially powerful tool for environmental research. *Magnetic Resonance in Chemistry*, 53(9), 686–690.
499. **Simpson, A.J.**, Mitchell, P.J., Masoom, H., Liaghati Mobarhan, Y., Adamo, A., & Dicks, A.P. (2015). An oil spill in a tube: An accessible approach for teaching environmental NMR spectroscopy. *Journal of Chemical Education*, 92(4), 693–697.
500. Sin, A.T., & **Harrison, R.E.** (2016). Growth of the mammalian Golgi apparatus during interphase. *Molecular and Cellular Biology*, 36(18), 2344–2359.
501. Sivanathan, S., Thavartnam, K., Arif, S., Elegino, T., & **McGowan, P.O.** (2015). Chronic high fat feeding increases anxiety-like behaviour and reduces transcript abundance of glucocorticoid signalling genes in the hippocampus of female rats. *Behavioural Brain Research*, 286, 265–270.
502. **Skogstad, G.**, & Whyte, T. (2015). Authority contests, power and policy paradigm change: Explaining developments in grain marketing policy in Prairie Canada. *Canadian Journal of Political Science*, 48(1), 79–100.
503. Sonksen, P., Ferguson-Smith, M.A., Bavington, L.D., Holt, R.I., Cowan, D.A., Catlin, D.H., **Kidd, B.**, ... Tamar-Mattis, A. (2015). Medical and ethical concerns regarding women with hyperandrogenism and elite sport. *The Journal of Clinical Endocrinology & Metabolism*, 100(3), 825–827.
504. Soong, R., Nagato, E., Sutrisno, A., Fortier-McGill, B., Akhter, M., Schmidt, S., ... **Simpson, A.J.** (2015). In vivo NMR spectroscopy: Toward real time monitoring of environmental stress. *Magnetic Resonance in Chemistry*, 53(9), 774–779.
505. **Sorensen, A.** (2015). Taking path dependence seriously: An historical institutionalist research agenda in planning history. *Planning Perspectives*, 30(1), 17–38.
506. **Sorensen, A.** (2016). Periurbanization as the institutionalization of place: The case of Japan. *Cities*, 53, 134–140.
507. **Sorensen, A.** (2016). Periurbanization as the institutionalization of place: The case of Japan. *Cities*, 52, 1–7.
508. **Sorensen, A.** (2016). Report from the 16th biennial SACRPH conference on planning history: 5–8 November 2015, Los Angeles, California. *Planning Perspectives*, 31(3), 465–468.
509. **Sorensen, A.**, & Hess, P. (2015). Building suburbs, Toronto-style: Land development regimes, institutions, critical junctures and path dependence. *Town Planning Review*, 86(4), 411–436.

510. Spilka, M.J., Arnold, A.E., & **Goghari, V.M.** (2015). Functional activation abnormalities during facial emotion perception in schizophrenia patients and nonpsychotic relatives. *Schizophrenia Research*, 168(1–2), 330–337.
511. Stamatopoulou, D., **Cupchik, G.C.**, Amemiya, T., Hilscher, M., & Miyahara, T. (2016). A background layer in aesthetic experience: Cross-cultural affective symbolism. *Japanese Psychological Research*, 58(3), 233–247.
512. Statham, S., Ford, J., Berrang-Ford, L., Lardeau, M., **Gough, W.**, & Siewierski, R. (2015). Anomalous climatic conditions during winter 2010–2011 and vulnerability of the traditional Inuit food system in Iqaluit, Nunavut. *Polar Record*, 51(3), 301–317.
513. St-Cyr, S., & **McGowan, P.O.** (2015). Programming of stress-related behavior and epigenetic neural gene regulation in mice offspring through maternal exposure to predator odor. *Frontiers in Behavioral Neuroscience*, 9, 145.
514. Stefanovici, I., Hwang, A., & **Schroeder, B.** (2015). Battling borked bits: DRAM glitches can crash machines. Better erroravoidance schemes can help. *IEEE Spectrum*, 52(12).
515. Stojanoski, B.B., & **Niemeier, M.** (2015). Colour expectations during object perception are associated with early and late modulations of electrophysiological activity. *Experimental Brain Research*, 233(10), 2925–2934.
516. Stojanović, L., Bai, S., Nagesh, J., **Izmaylov, A.F.**, Crespo-Otero, R., Lischka, H., & Barbatti, M. (2016). New insights into the state trapping of UV-excited thymine. *Molecules*, 21(11).
517. Stothart, M.R., Bobbie, C.B., Schulte-Hostedde, A.I., **Boonstra, R.**, Palme, R., Mykytczuk, N.C.S., & Newman, A.E.M. (2016). Stress and the microbiome: Linking glucocorticoids to bacterial community dynamics in wild red squirrels. *Biology Letters*, 12(1).
518. Strickman, R.J.S., **Fulthorpe, R.R.**, Coleman Wasik, J.K., Engstrom, D.R., & **Mitchell, C.P.J.** (2016). Experimental sulfate amendment alters peatland bacterial community structure. *Science of the Total Environment*, 566–567, 1289–1296.
519. Subhan, H., Ahmad, K., Lashin, A., Rana, U.A., Abbasi, R., **Kraatz, H.-B.**, Hussain, H., ... Shah, A. (2016). pH and temperature responsive electrooxidation and antioxidant activity of indole-3-carbaldehyde. *Journal of the Electrochemical Society*, 163(8), H690–H696.
520. Subhan, H., Lashin, A., Rana, U.A., Al-Arifi, N., Ahmad, K., **Kraatz, H.-B.**, Hussain, H., ... Shah, A. (2015). pH and temperature responsive redox behavior of biologically important aniline derivatives. *RSC Advances*, 5(79), 64617–64625.
521. Sumra, M.K., & **Schillaci, M.A.** (2015). Stress and the multiple-role woman: Taking a closer look at the “superwoman”. *PLoS One*, 10(3).
522. Sun, H.S., Sin, A.T., Poirier, M.B., & **Harrison, R.E.** (2016). *Chlamydia trachomatis* inclusion disrupts host cell cytokinesis to enhance its growth in multinuclear cells. *Journal of Cellular Biochemistry*, 117(1), 132–143.
523. Sun, L., Lu, Y., **Kronzucker, H.J.**, & Shi, W. (2016). Quantification and enzyme targets of fatty acid amides from duckweed root exudates involved in the stimulation of denitrification. *Journal of Plant Physiology*, 198, 81–88.
524. Sun, L., Lu, Y., Yu, F., **Kronzucker, H.J.**, & Shi, W. (2016). Biological nitrification inhibition by rice root exudates and its relationship with nitrogen-use efficiency. *New Phytologist*, 212(3), 646–656.
525. Sun, S.Z., **Cant, J.S.**, & Ferber, S. (2016). A global attentional scope setting prioritizes faces for conscious detection. *Journal of Vision*, 16(6).
526. Sun, Y., & **Wells, M.G.** (2015). The application of life-history and predation allometry to population dynamics to predict the critical density of extinction. *Ecological Modelling*, 312, 136–149.
527. Swyer, I., Soong, R., Dryden, M.D.M., Fey, M., Maas, W.E., **Simpson, A.**, & Wheeler, A.R. (2016). Interfacing digital microfluidics with high-field nuclear magnetic resonance spectroscopy. *Lab on a Chip*, 16(22), 4424–4435.
528. Tam, B., **Tsuji, L.J.S.**, Martin, I.D., Liberda, E.N., Ayotte, P., Côté, S., ... Nieboer, E. (2015). Iodine status of Eeyou Istchee community members of northern Quebec, Canada, and potential sources. *Environmental Sciences: Processes and Impacts*, 17(4), 844–853.
529. Tam, B.Y., **Gough, W.A.**, & Mohsin, T. (2015). The impact of urbanization and the urban heat island effect on day to day temperature variation. *Urban Climate*, 12, 1–10.
530. Tam, B.Y., & **Tsuji, L.J.S.** (2016). West Nile virus in American crows (*Corvus brachyrhynchos*) in Canada: Projecting the influence of climate change. *Geojournal*, 81(1), 89–101.
531. Tamayo, D., Silburt, A., **Valencia, D.**, **Menou, K.**, Ali-Dib, M., Petrovich, C., ... Murray, N. (2016). A machine learns to predict the stability of tightly packed planetary systems. *Astrophysical Journal Letters*, 832(2).
532. Tamayo, D., Triaud, A.H.M.J., **Menou, K.**, & **Rein, H.** (2015). Dynamical stability of imaged planetary systems in formation: Application to HL Tau. *Astrophysical Journal*, 805(2).
533. **Tanner, J.**, Asbridge, M., & Wortley, S. (2015). Leisure worlds: Situations, motivations and young people's encounters with offending and victimization. *Youth and Society*, 47(2), 199–221.
534. **Teichman, J.A.** (2015). The role of the middle class in distributional outcomes: Chile and South Korea. *Studies in Comparative International Development*, 50(1).
535. **Teichroeb, J.A.**, & Aguado, W.D. (2016). Foraging vervet monkeys optimize travel distance when alone but prioritize high-reward food sites when in competition. *Animal Behaviour*, 115, 1–10.
536. **Teichroeb, J.A.**, White, M.M.J., & Chapman, C.A. (2015). Vervet (*Chlorocebus pygerythrus*) intragroup spatial positioning: Dominants trade-off predation risk for increased food acquisition. *International Journal of Primatology*, 36(1), 154–176.
537. Teper, R., Tullett, A.M., Page-Gould, E., & **Inzlicht, M.** (2015). Errors in moral forecasting: Perceptions of affect shape the gap between moral behaviors and moral forecasts. *Personality and Social Psychology Bulletin*, 41(7), 887–900.

538. Teper, R., Zhong, C., & **Inzlicht, M.** (2015). How emotions shape moral behavior: Some answers (and questions) for the field of moral psychology. *Social and Personality Psychology Compass*, 9(1), 1–14.
539. Thavabalasingam, S., O'Neil, E.B., Zeng, Z., & **Lee, A.C.H.** (2016). Recognition memory is improved by a structured temporal framework during encoding. *Frontiers in Psychology*, 6, 2062.
540. Thibodeau, M.A., Quilty, L.C., De Fruyt, F., De Bolle, M., Rouillon, F., & **Bagby, R.M.** (2015). Latent classes of nonresponders, rapid responders, and gradual responders in depressed outpatients receiving antidepressant medication and psychotherapy. *Depression and Anxiety*, 32(3), 213–220.
541. Thondhlana, G., Cundill, G., & **Kepe, T.** (2016). Co-management, land rights, and conflicts around South Africa's Silaka Nature Reserve. *Society and Natural Resources*, 29(4), 403–417.
542. Thorn, S., Bässler, C., Bernhardt-Römermann, M., **Cadotte, M.**, Heibl, C., Schäfer, H., ... Müller, J. (2016). Changes in the dominant assembly mechanism drive species loss caused by declining resources. *Ecology Letters*, 19(2), 163–170.
543. Tierney, W., Schweinsberg, M., Jordan, J., Kennedy, D.M., **Inbar, Y.**, Qureshi, I., Sommer, S.A., ... Uhlmann, E.L. (2016). Data from a pre-publication independent replication initiative examining ten moral judgement effects. *Scientific Data*, 3.
544. Tinel, L., Rossignol, S., Bianco, A., Donaldson, D.J., Passananti, M., Perrier, S., Wang, X., ... George, C. (2016). Mechanistic insights on the photosensitized chemistry of a fatty acid at the air/water interface. *Environmental Science and Technology*, 50(20), 11041–11048.
545. **Tiozzo, G.** (2015). Sublinear deviation between geodesics and sample paths. *Duke Mathematical Journal*, 164(3), 511–539.
546. **Tiozzo, G.** (2015). Topological entropy of quadratic polynomials and dimension of sections of the Mandelbrot set. *Advances in Mathematics*, 273, 651–715.
547. **Tiozzo, G.** (2016). Continuity of core entropy of quadratic polynomials. *Inventiones Mathematicae*, 203(3), 891–921.
548. Tonda, N., & **Kepe, T.** (2016). Spaces of contention: Tension around street vendors' struggle for livelihoods and spatial justice in Lilongwe, Malawi. *Urban Forum*, 27(3), 297–309.
549. Torres, C.R., & **Kidd, B.** (2016). Introduction: The History and Relevance of the Pan-American Games. *The International Journal of the History of Sport*, 33(1–2), 1–5.
550. Tritt, S.M., Peterson, J.B., Page-Gould, E., & **Inzlicht, M.** (2016). Ideological reactivity: Political conservatism and brain responsivity to emotional and neutral stimuli. *Emotion*, 16(8), 1172–1185.
551. **Trougakos, J.P.**, Beal, D.J., Cheng, B.H., Hideg, I., & **Zweig, D.** (2015). Too drained to help: A resource depletion perspective on daily interpersonal citizenship behaviors. *Journal of Applied Psychology*, 100(1), 227–236.
552. **Tsuji, L.J.S.**, Daradich, A., Gomez, N., Hay, C., & Mitrovica, J.X. (2016). Sea level change in the western James Bay region of subarctic Ontario: Emergent land and implications for Treaty No. 9. *Arctic*, 69(1), 99–107.
553. Tullett, A.M., Wildschut, T., Sedikides, C., & **Inzlicht, M.** (2015). Right-frontal cortical asymmetry predicts increased proneness to nostalgia. *Psychophysiology*, 52(8), 990–996.
554. Tybur, J.M., **Inbar, Y.**, Güler, E., & Molho, C. (2015). Is the relationship between pathogen avoidance and ideological conservatism explained by sexual strategies? *Evolution and Human Behavior*, 36(6), 489–497.
555. **Uliaszek, A.A.**, Al-Dajani, N., & **Bagby, R.M.** (2015). The relationship between psychopathology and a hierarchical model of normal personality traits: Evidence from a psychiatric patient sample. *Journal of Personality Disorders*, 29(6), 719–734.
556. **Uliaszek, A.A.**, Rashid, T., Williams, G.E., & Gulamani, T. (2016). Group therapy for university students: A randomized control trial of dialectical behavior therapy and positive psychotherapy. *Behaviour Research and Therapy*, 77, 78–85.
557. **Uliaszek, A.A.**, & Zinbarg, R.E. (2016). An examination of the higher-order structure of psychopathology and its relationship to personality. *Journal of Personality Disorders*, 30(2), 157–176.
558. Ullah, A., Rauf, A., Rana, U.A., Qureshi, R., Ashiq, M.N., **Kraatz, H.-B.**, Hussain, H., ... Shah, A. (2015). pH dependent electrochemistry of anthracenediones at a glassy carbon electrode. *Journal of the Electrochemical Society*, 162(3), H157–H163.
559. Van Hove, G., **Saks, A.M.**, Lievens, F., & Weijters, B. (2015). Development and test of an integrative model of job search behaviour. *European Journal of Work and Organizational Psychology*, 24(4), 544–559.
560. Van Nynatten, A., Bloom, D., Chang, B.S.W., & **Lovejoy, N.R.** (2015). Out of the blue: Adaptive visual pigment evolution accompanies Amazon invasion. *Biology Letters*, 11(7).
561. van Rheede, J.J., **Richards, B.A.**, & Akerman, C.J. (2015). Sensory-evoked spiking behavior emerges via an experience-dependent plasticity mechanism. *Neuron*, 87(5), 1050–1062.
562. van Rijn, P.C.J., Wäckers, F.L., & **Cadotte, M.** (2016). Nectar accessibility determines fitness, flower choice and abundance of hoverflies that provide natural pest control. *Journal of Applied Ecology*, 53(3), 925–933.
563. Vasquez, B.P., & **Zakzanis, K.K.** (2015). The neuropsychological profile of vascular cognitive impairment not demented: A meta-analysis. *Journal of Neuropsychology*, 9(1), 109–136.
564. Velten, B.P., **Welch, K.C. Jr.**, & Ramenofsky, M. (2016). Altered expression of pectoral myosin heavy chain isoforms corresponds to migration status in the white-crowned sparrow (*Zonotrichia leucophrys gambelii*). *Royal Society Open Science*, 3(11).
565. Vesia, M., **Niemeier, M.**, Black, S.E., & Staines, W.R. (2015). The time course for visual extinction after a “virtual” lesion of right posterior parietal cortex. *Brain and Cognition*, 98, 27–34.
566. Vicente, J.R., Alagador, D., Guerra, C., Alonso, J.M., Kueffer, C., Vaz, A.S., ... **Cadotte, M.** (2016). Cost-effective monitoring of biological invasions under global change: A model-based framework. *Journal of Applied Ecology*, 53(5), 1317–1329.

567. Villette, P., Krebs, C.J., Jung, T.S., & **Boonstra, R.** (2016). Can camera trapping provide accurate estimates of small mammal (*Myodes rutilus* and *Peromyscus maniculatus*) density in the boreal forest? *Journal of Mammalogy*, 97(1), 32–40.
568. Visha, A., Gandhi, N., Bhavsar, S.P., & **Arhonditsis, G.B.** (2015). A Bayesian assessment of the mercury and PCB temporal trends in lake trout (*Salvelinus namaycush*) and walleye (*Sander vitreus*) from Lake Ontario, Ontario, Canada. *Ecotoxicology and Environmental Safety*, 117, 174–186.
569. Visha, A., Gandhi, N., Bhavsar, S.P., & **Arhonditsis, G.B.** (2016). Guiding fish consumption advisories for Lake Ontario: A Bayesian hierarchical approach. *Journal of Great Lakes Research*, 42(1), 70–82.
570. Visser, O., Clapp, J., & **Isakson, S.R.** (2015). Introduction to a symposium on global finance and the agri-food sector: Risk and regulation. *Journal of Agrarian Change*, 15(4), 541–548.
571. Wagner, N.D., Lankadurai, B.P., **Simpson, M.J.**, **Simpson, A.J.**, & Frost, P.C. (2015). Metabolomic differentiation of nutritional stress in an aquatic invertebrate. *Physiological and Biochemical Zoology*, 88(1), 43–52.
572. Wainman, B.C., Kesner, J.S., Martin, I.D., Meadows, J.W., Krieg, E.F., Nieboer, E., & **Tsuiji, L.J.S.** (2016). Menstrual cycle perturbation by organohalogenes and elements in the Cree of James Bay, Canada. *Chemosphere*, 149, 190–201.
573. Wallace, K., & **Eyles, N.** (2015). Seismites within Ordovician-Silurian carbonates and clastics of Southern Ontario, Canada and implications for intraplate seismicity. *Sedimentary Geology*, 316, 80–95.
574. Walsh, D., Mantonakis, A., & **Joordens, S.** (2015). Is “getting started” an effective way for people to overcome the depletion effect? *Canadian Journal of Administrative Sciences*, 32(1), 47–57.
575. Wang, C., Goss, K., Lei, Y.D., Abbatt, J.P.D., & **Wania, F.** (2015). Calculating equilibrium phase distribution during the formation of secondary organic aerosol using COSMOtherm. *Environmental Science and Technology*, 49(14), 8585–8594.
576. Wang, N., She, Z., Lin, Y., Martić, S., Mann, D.J., & **Kraatz, H.-B.** (2015). Clickable 5'- γ -ferrocenyl adenosine triphosphate bioconjugates in kinase-catalyzed phosphorylations. *Chemistry*, 21(13), 4988–4999.
577. Wang, T., **Cant, J.S.**, & Cupchik, G. (2016). The impact of depth of aesthetic processing and visual-feature transformations on recognition memory for artworks and constructed design patterns. *Empirical Studies of the Arts*, 34(2), 193–220.
578. Wang, T., Mo, L., Vartanian, O., **Cant, J.S.**, & Cupchik, G. (2015). An investigation of the neural substrates of mind wandering induced by viewing traditional Chinese landscape paintings. *Frontiers in Human Neuroscience*, 8(JAN).
579. Wang, X., Kennedy, K., Powell, J., Keywood, M., Gillett, R., Thai, P., **Wania, F.**, ... Mueller, J.F. (2015). Spatial distribution of selected persistent organic pollutants (POPs) in Australia's atmosphere. *Environmental Sciences: Processes and Impacts*, 17(3), 525–532.
580. **Wania, F.**, Lei, Y.D., Wang, C., Abbatt, J.P.D., & Goss, K.-U. (2015). Using the chemical equilibrium partitioning space to explore factors influencing the phase distribution of compounds involved in secondary organic aerosol formation. *Atmospheric Chemistry and Physics*, 15(6), 3395–3412.
581. Wardell, J.D., Quilty, L.C., Hendershot, C.S., & **Bagby, R.M.** (2015). Motivational pathways from reward sensitivity and punishment sensitivity to gambling frequency and gambling-related problems. *Psychology of Addictive Behaviors*, 29(4), 1022–1030.
582. Watters, C.A., Taylor, G.J., Quilty, L.C., & **Bagby, R.M.** (2016). An examination of the topology and measurement of the alexithymia construct using network analysis. *Journal of Personality Assessment*, 98(6), 649–659.
583. Waugh, C.E., Zarolia, P., Mauss, I.B., Lumian, D.S., **Ford, B.Q.**, Davis, T.S., ... McRae, K. (2016). Emotion regulation changes the duration of the BOLD response to emotional stimuli. *Social Cognitive and Affective Neuroscience*, 11(10), 1550–1559.
584. **Way, L.A.** (2016). Weaknesses of autocracy promotion. *Journal of Democracy*, 27(1), 64–75.
585. **Way, L.A.** (2015). The limits of autocracy promotion: The case of Russia in the “near abroad”. *European Journal of Political Research*, 54(4), 691–706.
586. **Wei, J.**, & Zhou, X. (2016). Informed trading in corporate bonds prior to earnings announcements. *Financial Management*, 45(3), 641–674.
587. Weidner, J.M., Kanatani, S., Uchtenhagen, H., Varas-Godoy, M., **Harrison, R.E.**, Schulte, T., Engelberg, K., ... Barragan, A. (2016). Migratory activation of parasitized dendritic cells by the protozoan *Toxoplasma gondii* 14–3–3 protein. *Cellular Microbiology*, 18(11), 1537–1550.
588. **Weir, J.T.**, Faccio, M.S., Pulido-Santacruz, P., Barrera-Guzmán, A.O., & Aleixo, A. (2015). Hybridization in headwater regions, and the role of rivers as drivers of speciation in Amazonian birds. *Evolution*, 69(7), 1823–1834.
589. **Weir, J.T.**, Haddrath, O., Robertson, H.A., Colbourne, R.M., & Baker, A.J. (2016). Explosive ice age diversification of kiwi. *Proceedings of the National Academy of Sciences of the United States of America*, 113(38), E5580–E5587.
590. **Weir, J.T.**, & Lawson, A. (2015). Evolutionary rates across gradients. *Methods in Ecology and Evolution*, 6(11), 1278–1286.
591. Weitz, E.S., Hollon, S.D., **Segal, Z.V.**, Twisk, J., Van Straten, A., Huibers, M.J.H., David, D., ... Cuijpers, P. (2015). Baseline depression severity as moderator of depression outcomes between cognitive behavioral therapy vs pharmacotherapy: An individual patient data meta-analysis. *JAMA Psychiatry*, 72(11), 1102–1109.
592. **Welch, K.C. Jr.**, Otálora-Ardila, A., Gerardo Herrera M., L., & Flores-Martinez, J.J. (2015). The cost of digestion in the fish-eating myotis (*Myotis vivesi*). *Journal of Experimental Biology*, 218(8), 1180–1187.
593. Werner, G.G., **Ford, B.Q.**, Mauss, I.B., Schabus, M., Blechert, J., & Wilhelm, F.H. (2015). High cardiac vagal control is related to better subjective and objective sleep quality. *Biological Psychology*, 106, 79–85.
594. Werner, J.R., Gillis, E.A., **Boonstra, R.**, & Krebs, C.J. (2016). You can hide but you can't run: Apparent competition, predator responses and the decline of arctic ground squirrels in boreal forests of the southwest Yukon. *PeerJ*, 2016(8).
595. Werner, J.R., Krebs, C.J., Donker, S.A., **Boonstra, R.**, & Sheriff, M.J. (2015). Arctic ground squirrel population collapse in the boreal forests of the southern Yukon. *Wildlife Research*, 42(2), 176–184.

596. Wheeler, H.L., Soong, R., Courtier-Murias, D., Botana, A., Fortier-McGill, B., Maas, W.E., ... **Simpson, A.** (2015). Comprehensive multiphase NMR: A promising technology to study plants in their native state. *Magnetic Resonance in Chemistry*, 53(9), 735–744.
597. Widener, M.J., **Farber, S.**, Neutens, T., & Horner, M. (2015). Spatiotemporal accessibility to supermarkets using public transit: An interaction potential approach in Cincinnati, Ohio. *Journal of Transport Geography*, 42, 72–83.
598. Williams, G.E., Daros, A.R., Graves, B., McMain, S.F., Links, P.S., & **Ruocco, A.C.** (2015). Executive functions and social cognition in highly lethal self-injuring patients with borderline personality disorder. *Personality Disorders: Theory, Research, and Treatment*, 6(2), 107–116.
599. Williamson, D., & **Goldstein, M.** (2015). Posterior belief assessment: Extracting meaningful subjective judgements from Bayesian analyses with complex statistical models. *Bayesian Analysis*, 10(4), 877–908.
600. Wood, S.A., Armitage, J.M., Binnington, M.J., & **Wania, F.** (2016). Deterministic modeling of the exposure of individual participants in the national health and nutrition examination survey (NHANES) to polychlorinated biphenyls. *Environmental Science: Processes and Impacts*, 18(9), 1157–1168.
601. Wood, S.A., Xu, F., Armitage, J.M., & **Wania, F.** (2016). Unravelling the relationship between body mass index and polychlorinated biphenyl concentrations using a mechanistic model. *Environmental Science and Technology*, 50(18), 10055–10064.
602. Xiang, C., Li, R., Adhikari, B., She, Z., Li, Y., & **Kraatz, H.-B.** (2015). Sensitive electrochemical detection of *Salmonella* with chitosan-gold nanoparticles composite film. *Talanta*, 140, 122–127.
603. Xie, C., **Gough, W.A.**, Zhao, L., Wu, T., & Liu, W. (2015). Temperature-dependent adjustments of the permafrost thermal profiles on the Qinghai-Tibet Plateau, China. *Arctic, Antarctic, and Alpine Research*, 47(4), 719–728.
604. Xu, K., & **Harrison, R.E.** (2015). Down-regulation of statmin is required for the phenotypic changes and classical activation of macrophages. *Journal of Biological Chemistry*, 290(31), 19245–19260.
605. Xu, X., & **Inzlicht, M.** (2015). Neurophysiological responses to gun-shooting errors. *International Journal of Psychophysiology*, 95(3), 247–253.
606. Yakovenko, I., Clark, C.M., Hodgins, D.C., & **Goghari, V.M.** (2016). A qualitative analysis of the effects of a comorbid disordered gambling diagnosis with schizophrenia. *Schizophrenia Research*, 171(1–3), 50–55.
607. Yi, J., & **Silver, D.** (2015). God, yoga, and karate. *Journal for the Scientific Study of Religion*, 54(3), 596–615.
608. Young, R. (2016). High-dimensional fillings in Heisenberg groups. *Journal of Geometric Analysis*, 26(2), 1596–1616.
609. Yu, F.W., Zhu, X.F., Li, G.J., **Kronzucker, H.J.**, & Shi, W.M. (2016). The chloroplast protease AMOS1/EGY1 affects phosphate homeostasis under phosphate stress. *Plant Physiology*, 172(2), 1200–1208.
610. Zahavi, A.Y., Sabbagh, M.A., Washburn, D., Mazurka, R., **Bagby, R.M.**, Strauss, J., Harkness, K.L. (2016). Serotonin and dopamine gene variation and theory of mind decoding accuracy in major depression: A preliminary investigation. *PLoS One*, 11(3).
611. Zahid, A., Lashin, A., Rana, U.A., Al-Arifi, N., **Kraatz, H.-B.**, Ullah, I., Dionysiou, D.D., ... Shah, A. (2016). Development of surfactant based electrochemical sensor for the trace level detection of mercury. *Electrochimica Acta*, 190, 1007–1014.
612. **Zakzanis, K.K.**, Grimes, K.M., Uzzaman, S., & **Schmuckler, M.A.** (2016). Prospection and its relationship to instrumental activities of daily living in patients with mild traumatic brain injury with cognitive impairment. *Brain Injury*, 30(8), 986–992.
613. Zanjani, A., Hilscher, M.C., & **Cupchik, G.C.** (2016). The perception of virtual residential spaces. *Empirical Studies of the Arts*, 34(1), 53–73.
614. Zanjani, A., **Zakzanis, K.K.**, Daskalakis, Z.J., & Chen, R. (2015). Repetitive transcranial magnetic stimulation of the primary motor cortex in the treatment of motor signs in Parkinson's disease: A quantitative review of the literature. *Movement Disorders*, 30(6), 750–758.
615. Zeidan, N., Su, H., Aitken, M., Gunning, P.T., & **Kerman, K.** (2015). Magnetic bead-based electrochemical detection of interaction between epigallocatechin-3-gallate and STAT proteins. *Analytical Methods*, 7(8), 3566–3569.
616. Zhang, H., She, Z., Su, H., **Kerman, K.**, & **Kraatz, H.-B.** (2016). Effects of bipyrarnidal gold nanoparticles and gold nanorods on the detection of immunoglobulins. *Analyst*, 141(21), 6080–6086.
617. Zhang, M., & **Aggarwal, P.** (2015). Looking ahead or looking back: Current evaluations and the effect of psychological connectedness to a temporal self. *Journal of Consumer Psychology*, 25(3), 512–518.
618. **Zhang, X.**, Hoang, M., Lei, Y.D., & **Wania, F.** (2015). Exploring the role of the sampler housing in limiting uptake of semivolatile organic compounds in passive air samplers. *Environmental Sciences: Processes and Impacts*, 17(12), 2006–2012.
619. Zhu, T., Paulo, C., Merroun, M.L., & **Dittrich, M.B.** (2015). Potential application of biomineralization by *Synechococcus* PCC8806 for concrete restoration. *Ecological Engineering*, 82, 459–468.

Books (24)

1. **Bender, D.**, & Lipman, J.K. (Eds.). (2015). *Making empire work: Labor and United States imperialism*. New York, NY: New York University Press.
2. Bewell, A., **Kortenaar, N.T.**, & Warkentin, G. (Eds.). (2015). *Educating the imagination: Northrop Frye, past, present, and future*. Montreal, QC: McGill-Queen's University Press.
3. **Chen, L.** (2016). *Chinese law in imperial eyes: Sovereignty, justice and transcultural politics*. New York, NY: Columbia University Press.
4. Chen, X., Dronjic, V., & **Helms-Park, R.** (Eds.). (2016). *Reading in a second language: Cognitive and psycholinguistic issues*. Milton Park, UK, and New York, NY: Routledge.
5. **Cochrane, C.B.** (2015). *Left and right: The small world of political ideas*. Montreal, QC: McGill-Queen's University Press.
6. **Daswani, G.** (2015). *Looking back, moving forward: Transformation and ethical practice in the Ghanaian Church of Pentecost*. Toronto, ON: University of Toronto Press.
7. Donato, K.M., & **Gabaccia, D.** (2015). *Gender and international migration: From the slavery era to the global age*. New York, NY: Russell Sage Foundation.
8. Gallagher, K., & **Freeman, B.** (Eds.). (2016). *In defence of theatre: Aesthetic practices and social interventions*. Toronto, ON: University of Toronto Press.
9. **Halpern, R.**, & Lichtenstein, A. (2016). *Margaret Bourke-White and the dawn of apartheid*. Bloomington, IN: Indiana University Press.
10. Harmon-Jones, E., & **Inzlicht, M.** (Eds.). (2016). *Social neuroscience: Biological approaches to social psychology*. New York, NY: Routledge.
11. **Kidd, B.** (2014). *"Critical Support" for Sport*. New York, NY: Routledge.
12. **Kidd, B.**, & Torres, C. (Eds.) (2016). *Historicizing the Pan American Games*. New York, NY: Routledge.
13. **Kohn, M.** (2016). *The death and life of the urban commonwealth*. Oxford University Press.
14. **Kraatz, H.-B.** & Martic, S. (Eds.). (2015). *Kinomics: Approaches and applications*. Wiley.
15. **Krupa, C.**, & Nugent, D. (Eds.). (2015). *State theory and Andean politics: New approaches to the study of rule*. Philadelphia, PA: University of Pennsylvania Press.
16. **Larson, K.R.**, Miller, N.J., & Strycharski, A. (Eds.). (2015). *Re-reading Mary Wroth*. Palgrave Macmillan US.
17. **Schertzer, R.** (2016). *The judicial role in a diverse federation: Lessons from the Supreme Court of Canada*. Toronto, ON: University of Toronto Press.
18. **Seager, W.E.** (2016). *Theories of consciousness: An introduction and assessment*. Routledge.
19. **Sedivy, S.** (2016). *Beauty and the end of art, Wittgenstein, plurality and perception*. Bloomsbury Publishing.
20. **Stark, A.** (2016). *The consolations of mortality: Making sense of death*. New Haven, CT: Yale University Press.
21. **Teichman, J.A.** (2016). *The politics of inclusive development: Policy, state capacity and coalition building*. Palgrave Macmillan.
22. **Tysdal, D.S.** (2015). *Fauxccasional poems*. Fredericton, NB: Goose Lane.
23. Vestergaard, M.C., **Kerman, K.**, Hsing, I., & Tamiya, E. (Eds.). (2015). *Nanobiosensors and nanobioanalyses*. Springer Japan.
24. **Way, L.** (2015). *Pluralism by default: Weak autocrats and the rise of competitive politics*. Baltimore, MD: Johns Hopkins University Press.

Book Chapters (45)

1. **Aggarwal, P.**, & Agarwal, M. (2015). Linear versus step-function decision making: The moderating role of relationship norms on consumer responses to brand transgressions. In D.J. Macinnis and C.W. Park (Eds.), *Review of Marketing Research: Vol. 12. Brand Meaning Management* (pp. 207–232). Emerald Group Publishing.
2. **Andrade, M.C.B.**, & MacLeod, E.C. (2015). Potential for CFC in black widows (genus *Latrodectus*): Mechanisms and social context. In A.V. Peretti and A. Aisenberg (Eds.), *Cryptic female choice in arthropods: Patterns, mechanisms and prospects* (pp. 27–53). Springer International.
3. **Aretakis, S.**, & Rodnianski, I. (2015). Global behavior of solutions to Einstein's equations: The Cauchy problem in general relativity. In A. Ashtekar, B.K. Berger, J. Isenberg and M. MacCallum (Eds.), *General relativity and gravitation: A centennial perspective* (pp. 452–479). Cambridge University Press.
4. Bazely, D.R., Perkins, P.E., Duailibi, M., & **Klenk, N.** (2015). Strengthening resilience by thinking of knowledge as a nutrient connecting the local person to global thinking: The case of social technology/tecnologia social. In R.C. Mitchell and S.A. Moore (Eds.), *Planetary praxis and pedagogy: Transdisciplinary approaches to environmental sustainability* (pp. 119–132). Rotterdam, Netherlands; Boston, MA; Taipei, Taiwan: Sense Publishers.
5. **Cupchik, G.C.** (2015). Theoretical foundations for an empirical aesthetics. In P.P.L. Tinio and J.K. Smith (Eds.), *The Cambridge handbook of the psychology of aesthetics and the arts* (pp. 60–85). Cambridge University Press.
6. Cvetkovska, M., & **Vanlerberghe, G.C.** (2015). *In planta* analysis of leaf mitochondrial superoxide and nitric oxide. In J. Whelan and M.W. Murcha (Eds.), *Methods in molecular biology, Vol. 1305: Plant mitochondria: Methods and protocols* (pp. 253–261). Springer New York.
7. **Dion, K.K.** (2015). Negotiating identity for young adult women from immigrant families: Expectations, opportunities and challenges. In O.M. Espín and A. Dottolo (Eds.), *Gendered journeys: Women, migration and feminist psychology* (pp. 269–280). Palgrave Macmillan UK.
8. Donnelly, P., & **Kidd, B.**, (2015). Two solitudes: grass roots sport and high performance sport in Canada, In R. Bailey and M. Talbot (Eds.), *Elite sport and sport for all: Bridging the two cultures* (pp. 57–71). London, UK: Routledge.
9. **Ekers, M.** (2015). On the concreteness of labor and class in political ecology. In T. Perreault, G. Bridge and J. McCarthy (Eds.), *The Routledge handbook of political ecology* (pp. 545–557). Routledge.

10. **Ekers, M.** (2015). Governing suburbia: Modalities and mechanisms of suburban governance. In P. Hamel and R. Keil (Eds.), *Suburban governance: A global view* (pp. 19–48). Toronto, ON: University of Toronto Press.
11. **Freeman, B.** (2016). Theatre for a changeable world, or making room for a fire. In B. Freeman and K. Gallagher (Eds.), *In defence of theatre: Aesthetic practices and social interventions* (pp. 21–34). Toronto, ON: University of Toronto Press.
12. **Friedlander, J.B.** (2015). Counting primes in arithmetic progressions. In C. Pomerance and M.T. Rassias (Eds.), *Analytic number theory: In honor of Helmut Maier's 60th birthday* (pp. 101–114). Springer International.
13. Harmon-Jones, E., & **Inzlicht, M.** (2016). A brief overview of social neuroscience: Biological perspectives on social psychology. In E. Harmon-Jones and M. Inzlicht (Eds.), *Social neuroscience: Biological approaches to social psychology* (pp. 1–9). New York, NY: Routledge.
14. **Helms-Park, R.**, & Dronjic, V. (2015). Crosslinguistic lexical influence: Cognate facilitation. In R. Alonso Alonso (Ed.), *Crosslinguistic influence in second language acquisition* (pp. 71–92). Bristol, UK; Buffalo, NY: Multilingual Matters.
15. **Helms-Park, R.**, Dronjic, V., & Tucker, S.-K. (2016). From proto-writing to multimedia literacy: Scripts and orthographies through the ages. In X. Chen, V. Dronjic and R. Helms-Park (Eds.), *Reading in a second language: Cognitive and psycholinguistic issues* (pp. 1–31). Milton Park, UK, and New York, NY: Routledge.
16. Hillis, K., and **M. Petit.** (2015) From Webcams to Facebook: Gay/queer men and the performance of situatedness-in-displacement. In S. Mains, J. Cupples and C. Lukinbeal (Eds.), *Geographies of media/mediated geographies* (pp. 261–272). Springer Netherlands.
17. Hung, V.W.S., & **Kerman, K.** (2015). Carbon nanotubes: Advances, integration and applications to printable electrode-based biosensors. In M.C. Vestergaard, **K. Kerman**, I.-M. Hsing and E. Tamiya (Eds.), *Nanobiosensors and nanobioanalyses* (pp. 271–289). Springer Japan.
18. **Hunter, M.** (2015). Cultural politics and masculinities: Multiple partners in historical perspective in KwaZulu-Natal. In P. Aggleton, R. Parker and F. Thomas (Eds.), *Culture, health and sexuality: An introduction* (pp. 37–52). Routledge.
19. **Inbar, Y.**, & Lammers, J. (2016). Political diversity in social psychology: Problems and solutions. In P. Valdesolo and J. Graham (Eds.), *Social psychology of political polarization* (pp. 197–210). Routledge/Psychology Press.
20. **Inzlicht, M.**, Berkman, E., & Elkins-Brown, N. (2016). The neuroscience of “ego depletion”: How the brain can help us understand why self-control seems limited. In E. Harmon-Jones and M. Inzlicht (Eds.), *Social neuroscience: Biological approaches to social psychology* (pp. 101–123). New York, NY: Routledge.
21. **Kidd, B.** (2016). “The army's presence will be obvious”: Montreal 1976. in V. Bajc (Ed.), *Surveilling and securing the Olympics: From Tokyo 1964 to London 2012 and beyond* (pp. 162–179). New York, NY: Palgrave Macmillan.
22. **Kidd, B.**, (2015). The Elizabeth Street playground revisited. In J. Lorinc, M. McClelland, E. Scheinberg, and T. Taylor (Eds.), *The Ward: The life and loss of Toronto's first immigrant community* (pp. 183–187). Toronto, ON: Coach House Press.
23. **Krupa, C.** (2015). Cadastral politics: Property wars and state realism in highland Ecuador. In C. Krupa and D. Nugent (Eds.), *State theory and Andean politics: New approaches to the study of rule* (pp. 99–125). Philadelphia, PA: University of Pennsylvania Press.
24. **Krupa, C.**, & Nugent, D. (2015). Off-centered states: Rethinking state theory through an Andean lens. In C. Krupa and D. Nugent (Eds.), *State theory and andean politics: New approaches to the study of rule* (pp. 1–32). Philadelphia, PA: University of Pennsylvania Press.
25. **Lambek, M.** (2015). Both/and. In M. Jackson and A. Peitte (Eds.), *What is existential anthropology?* (pp. 58–83). New York, NY: Berghahn Books.
26. **Lambek, M.** (2016). Word as act: Varieties of semiotic ideology in the interpretation of religion. In E. van den Hemel and A. Szafraniec (Eds.), *Words: Religious language matters* (pp. 17–34). New York, NY: Fordham University Press.
27. **Larson, K.R.** (2015). Voicing lyric: The songs of Mary Wroth. In K. Larson and N. Miller (Eds.), *Re-reading Mary Wroth* (pp. 119–136). Palgrave Macmillan US.
28. Levitsky, S., & **Way, L.A.** (2015). Not just what, but when (and how): Comparative-historical approaches to authoritarian durability. In J. Mahoney and K. Thelen (Eds.), *Advances in comparative-historical analysis* (pp. 97–120). Cambridge University Press.
29. **Li, N.**, & **Kerman, K.** (2015). Nanomaterial-based dual detection platforms: Optics meets electrochemistry. In M.C. Vestergaard, **K. Kerman**, K., I. Hsing, and E. Tamiya, (Eds.). *Nanobiosensors and nanobioanalyses* (pp. 99–120). Springer Japan.
30. **Li, N.**, & **Kerman, K.** (2015). Quantum dot glycoconjugates. In K.J. Stine (Ed.), *Carbohydrate nanotechnology* (pp. 99–121). Wiley.
31. Maeng, A., & **Aggarwal, P.** (2015). Dominant designs: The role of product face-ratios and anthropomorphism on consumer preferences. In R. Batra, C. Seifert, and D. Brei (Eds.), *The psychology of design: Creating consumer appeal* (pp. 133–148). Routledge.
32. **Maglio, S.J.**, Trope, Y., & Liberman, N. (2015). From time perspective to psychological distance (and back). In M. Stolarski, N. Fieulaine, and W. van Beck (Eds.), *Time perspective theory: review, research and application: Essays in honor of Philip G. Zimbardo* (pp. 143–153). Springer International.
33. Martic, S., Ahmadi, S., She, Z., & **Kraatz, H.-B.** (2015). Electrochemical detection of protein kinase-catalyzed phosphorylations. In **H.-B. Kraatz** and S. Martic (Eds.), *Kinomics: Approaches and applications* (pp. 169–192). Wiley.
34. Martic, S., & **Kraatz, H.-B.** (2015). Nanoparticle-based detection of protein phosphorylation. In M.C. Vestergaard, **K. Kerman**, I.-M. Hsing and E. Tamiya (Eds.), *Nanobiosensors and nanobioanalyses* (pp. 251–267). Springer Japan.
35. **McGowan, P.O.** (2015). Epigenetic mechanisms of perinatal programming: Translational approaches from rodent to human and back. In M. Antonelli (Ed.), *Perinatal programming of neurodevelopment* (pp. 363–380). New York, NY: Springer New York.
36. **McLeod, K.** (2016). Hip hop holograms: Tupac Shakur, technological immortality and time travel. In R. Anderson and C.E. Jones (Eds.), *Afrofuturism 2.0: The rise of Afro-Blackness* (pp. 107–122). Rowman & Littlefield.
37. **Miron, J.R.** (2015). Introduction to part two: The economic experiences of immigrants in Canada and the United States. In C. Teixeira and W. Li (Eds.), *The housing and economic experiences of immigrants in U.S. and Canadian cities* (pp. 207–225). Toronto, ON: University of Toronto Press.

38. **Mullen, A.L.** (2015). "You don't have to be a college graduate to be intelligent": First-generation students' perspectives of intelligence and education. In A.E. Stich and C. Freie (Eds.), *The working classes and higher education: Inequality of access, opportunity and outcome* (pp. 140–156). Routledge.
39. Pizarro, D.A., & **Inbar, Y.** (2015). Explaining the influence of disgust on political judgment: A disease-avoidance account. In J.P. Forgas, K. Fielder and W.D. Crano (Eds.), *Social psychology and politics* (pp. 163–172). Routledge.
40. Post, J.R., **Mandrak, N.E.**, & Burridge, M. (2015). Canadian freshwater fishes, fisheries and their management, south of 60°N. In J.F. Craig (Ed.), *Freshwater fisheries ecology* (pp. 151–165). Wiley-Blackwell.
41. Saunders, B., & **Inzlicht, M.** (2015). Vigour and fatigue: How variation in affect underlies effective self-control. In T.S. Braver (Ed.), *Motivation and cognitive control* (pp. 212–234). Routledge.
42. Shamsi, M.H., & **Kraatz, H.-B.** (2016). Scanning electrochemical microscopy: A multiplexing tool for electrochemical DNA biosensing. In M. Aliofkhazraei, A.S.H. Makhoulf (Eds.), *Handbook of nanoelectrochemistry: Electrochemical synthesis methods, properties, and characterization techniques* (pp. 1073–1094). Springer International.
43. **Silcox, M.T.**, Sargis, E.J., Bloch, J.I., & Boyer, D.M. (2015). Primate origins and supraordinal relationships: Morphological evidence. In W. Henke and I. Tattersall (Eds.), *Handbook of paleoanthropology* (2nd ed.) (pp. 1053–1081). Springer Berlin Heidelberg.
44. Wan, J., & **Aggarwal, P.** (2015). Befriending Mr. Clean: The role of anthropomorphism in consumer-brand relationships. In S. Fournier, M. Breazeale and J. Avery (Eds.), *Strong brands, strong relationships* (pp. 119–134). Taylor & Francis.
45. Wolter, B., & **Helms-Park, R.** (2016). The role of lexical knowledge in second language reading. In X. Chen, V. Dronjic and R. Helms-Park (Eds.), *Reading in a second language: Cognitive and psycholinguistic issues* (pp. 133–158). Milton Park, UK, and New York, NY: Routledge.

Other: Reviews, Editorials, Notes, Letters, Conference Papers, Short Surveys, Exhibitions and Performances (130)

1. **Ambuehl, S.**, Niederle, M., & Roth, A.E. (2015). More money, more problems? Can high pay be coercive and repugnant? *American Economic Review*, 105(5), 357–360.
2. Amini, K., & **Kraatz, H.-B.** (2016). Toll-like receptors for pathogen detection in water: Challenges and benefits. *International Journal of Environmental Analytical Chemistry*, 96(9), 836–844.
3. Barlow, J., **Cadotte, M.**, Newton, E., Pettorelli, N., Plane, A., Stephens, P.A., & Whittingham, M.J. (2016). Achieving and communicating globally relevant applied ecological research. *Journal of Applied Ecology*, 53(1), 1–4.
4. Below, J.E., & **Parra, E.J.** (2016). Genome-wide studies of type 2 diabetes and lipid traits in hispanics. *Current Diabetes Reports*, 16(5), 41.
5. Ben-David, N., Chan, D.Y.C., **Hadzilacos, V.**, & Toueg, S. (2016). k-abortable objects: Progress under high contention. In C. Gavaille and D. Ilcinkas (Eds.), *Distributed Computing, Vol. 9888, Lecture Notes in Computer Science* (pp. 298–312). Springer Berlin Heidelberg.
6. Bergman, D., & **Cire, A.** (2016). Decomposition based on decision diagrams. In C.-G. Quimper (Ed.), *Lecture notes in computer science, Vol. 9676: Integration of AI and OR techniques in constraint programming* (pp. 45–54). Springer International.
7. Bergman, D., & **Cire, A.** (2016). Multiobjective optimization by decision diagrams. In M. Rueher (Ed.), *Lecture notes in computer science, Vol. 9892: Principles and practice of constraint programming* (pp. 86–95). Springer International.
8. Bergman, D., **Cire, A.**, & van Hoeve, W.-J. (2015). Improved constraint propagation via Lagrangian decomposition. In G. Pesant (Ed.), *Lecture notes in computer science, Vol. 9255: Principles and practice of constraint programming* (pp. 30–38). Springer International.
9. Berliner, D., **Lambek, M.**, Shweder, R., Irvine, R., & Piette, A. (2016). Anthropology and the study of contradictions. *HAU: Journal of Ethnographic Theory*, 6(1), 1–27.
10. Bialecki, J., & **Daswani, G.** (2015). What is an individual?: The view from Christianity. *HAU: Journal of Ethnographic Theory*, 5(1), 271–294.
11. **Birn, A.E.** & Nervi, L. (2015). Political roots of the struggle for health justice in Latin America. *The Lancet*, 385(9974), 1174–1175.
12. Bogutskaya, N., **Mandrak, N.E.**, Minns, C.K., & Munawar, M. (2015). Foreword. *Aquatic Ecosystem Health and Management*, 18(2), 131–133.
13. **Boonstra, R.**, Andreassen, H.P., Boutin, S., Hušek, J., Ims, R.A., Krebs, C.J., ... Wabakken, P. (2016). Why do the boreal forest ecosystems of northwestern Europe differ from those of western North America? *Bioscience*, 66(9), 722–734.
14. Borrás, S.M., Franco, J.C., **Isakson, S.R.**, Levidow, L., & Vervest, P. (2016). The rise of flex crops and commodities: Implications for research. *Journal of Peasant Studies*, 43(1), 93–115.
15. Brett, M.T., & **Arhonditsis, G.B.** (2016). Modeling the dissolved oxygen response to phosphorus inputs in Lake Spokane: The fallacy of using complex over-parameterized models as the basis for TMDL decisions. *Lake and Reservoir Management*, 32(3), 280–287.
16. Britto, D.T., & **Kronzucker, H.J.** (2015). Sodium efflux in plant roots: What do we really know? *Journal of Plant Physiology*, 186–187, 1–12.
17. Britto, D.T., Wilhelm, C., & **Kronzucker, H.J.** (2016). From biochemical pathways to the agro-ecological scale: Carbon capture in a changing climate. *Journal of Plant Physiology*, 203, 1–2.
18. Brubaker, M.A., Punjani, A., & **Fleet, D.J.** (2015). Building proteins in a day: Efficient 3D molecular reconstruction. *Proceedings of the 2015 IEEE Conference on Computer Vision and Pattern Recognition (CVPR)* (pp.3099–3108). IEEE.
19. Brynjolfsson, E., & **McElheran, K.S.** (2016). The rapid adoption of data-driven decision-making. *American Economic Review*, 106(5), 133–139.
20. **Cadotte, M.W.** (2015). Phylogenetic diversity and productivity: Gauging interpretations from experiments that do not manipulate phylogenetic diversity. *Functional Ecology*, 29(12), 1603–1606.
21. **Cadotte, M.W.**, Arnillas, C.A., Livingstone, S.W., & Yasui, S.L.E. (2015). Predicting communities from functional traits. *Trends in Ecology and Evolution*, 30(9), 510–511.

22. Caiado, C.C.S., & Goldstein, M. (2015). Bayesian uncertainty analysis for complex physical systems modelled by computer simulators with applications to tipping points. *Communications in Nonlinear Science and Numerical Simulation*, 26(1–3), 123–136.
23. Chandra, T.D., Hadzilacos, V., & Toueg, S. (2016). An algorithm for replicated objects with efficient reads (extended abstract). POIDC '16: Proceedings of the Annual ACM Symposium on Principles of Distributed Computing (pp. 325–334). New York, NY: ACM.
24. Coskun, D., Britto, D.T., & Kronzucker, H.J. (2016). Nutrient constraints on terrestrial carbon fixation: The role of nitrogen. *Journal of Plant Physiology*, 203, 95–109.
25. Coskun, D., Britto, D.T., Huynh, W.Q., & Kronzucker, H.J. (2016). The role of silicon in higher plants under salinity and drought stress. *Frontiers in Plant Science*, 7(1072).
26. Dennis, C.-L., Brown, H.K., & Morrell, J. (2016). Interventions (other than psychosocial, psychological and pharmacological) for preventing postpartum depression. *Cochrane Database of Systematic Reviews*, 2016(5), C012201.
27. Dobson, A., Molnár, P.K., & Kutz, S. (2015). Climate change and Arctic parasites. *Trends in Parasitology*, 31(5), 181–188.
28. Dolan, N. (2015). Fearful symmetry: The unhistorical self of whiteness studies. *Modern Intellectual History*, 12(2), 417–442.
29. Donaldson, D.J., & Kahan, T.F. (2015). Reply to “comment on ‘photolysis of polycyclic aromatic hydrocarbons on water and ice surfaces’ and on ‘nonchromophoric organic matter suppresses polycyclic aromatic hydrocarbon photolysis in ice and at ice surfaces’”. *Journal of Physical Chemistry A*, 119(43), 10764–10765.
30. Dziugaite, G.K., Roy, D.M., & Ghahramani, Z. (2015). Training generative neural networks via maximum mean discrepancy optimization. *Proceedings of the 31st Conference in Uncertainty in Artificial Intelligence (UAI '15)* (pp. 258–267). Arlington, VA: AUAI Press.
31. Eftekhari, M., Koudas, N., & Ganjali, Y. (2015). Reaching a desired set of users via different paths: An online advertising technique on a micro-blogging platform. *Proceedings of the 18th International Conference on Extending Database Technology (EDBT)* (pp. 181–192).
32. Ekers, M., & Prudham, S. (2015). Towards the socio-ecological fix. *Environment and Planning A*, 47(12), 2438–2445.
33. Eyles, N., & Ross, M. (2016). Ancient ice streams and their megalineated beds. *Sedimentary Geology*, 338, 1.
34. Ford, B.Q., & Mauss, I.B. (2015). Culture and emotion regulation. *Current Opinion in Psychology*, 3, 1–5.
35. Fraser, K.C., Ben-David, N., Hirst, G., Graham, N.L., & Rochon, E. (2015). Sentence segmentation of aphasic speech. *Proceedings of the 2015 Conference of the North American Chapter of the Association for Computational Linguistics: Human Language Technologies (NAACL HLT 2015)* (pp. 862–871). <http://aclweb.org/anthology/N/N15/N15-1087.pdf>
36. Freeman, B. (Director) (2016). *The Resistible Rise of Arturo Ui* (theatrical production). March 10–12, 17–19. Leigha Lee Browne Theatre, UTSC.
37. Friedlander, J.B. (2015). Prime numbers: A much needed gap is finally found. *Notices of the American Mathematical Society*, 62(6), 660–664.
38. Frost, R., Armstrong, B.C., Siegelman, N., & Christiansen, M.H. (2015). Domain generality versus modality specificity: The paradox of statistical learning. *Trends in Cognitive Sciences*, 19(3), 117–125.
39. Gabaccia, D.R., & Iacovetta, F. (2016). Borders, conflict zones, and memory: Scholarly engagements with Luisa Passerini. *Women's History Review*, 25(3), 345–364.
40. Galarneau, E., Arey, J., Atkinson, R., Dachs, J., Eisenreich, S., Harner, T., ... Wania, F. (2015). Celebrating Bidleman's 1988 “Atmospheric processes”. *Environmental Science and Technology*, 49(3), 1235–1236.
41. Gallagher, K., & Freeman, B. (2016). Introduction: Taking a step back. In *Defence of Theatre: Aesthetic Practices and Social Interventions* (pp. 3–17). Toronto, ON: University of Toronto Press.
42. Ganesh, H.V.S., Chow, A.M., & Kerman, K. (2016). Recent advances in biosensors for neurodegenerative disease detection. *Trends in Analytical Chemistry*, 79, 363–370.
43. Gaston, K. (2015). The poetics of time management from the *Metamorphoses* to *Il filocolo* and the *Franklin's Tale*. *Studies in the Age of Chaucer*, 37, 227–256.
44. George, C., Ammann, M., D'Anna, B., Donaldson, D.J., & Nizkorodov, S.A. (2015). Heterogeneous photochemistry in the atmosphere. *Chemical Reviews*, 115(10), 4218–4258.
45. Goldman, M., & Powell, S. (2015). Alzheimer's, ambiguity, and irony: Alice Munro's “The Bear Came over the Mountain” and Sarah Polley's *Away from Her*. *Canadian Literature*, 2015(225), 82–99.
46. Gunderson, M., & Krashinsky, H. (2015). Returns to apprenticeship based on the 2006 Canadian Census. *Industrial and Labor Relations Review*, 68(5), 1078–1101.
47. Hastings, P., & Remes, J.A.C. (2015). Empire, continent and transnationalism in Canadian history: Essays in honor of John Herd Thompson. *American Review of Canadian Studies*, 45(1), 1–7.
48. Hlady, M., et al. (2016). *Measured* (group exhibition). Diaz Contemporary, Toronto. Curated by Claire Christie. January 21–February 20.
49. Hlady, M., et al. (2016). *À la recherche* (group exhibition). Open Studio Gallery, Toronto Curated by Barbara Balfour, York University. January 8–February 6.
50. Hlady, M., et al. (2015). *Wanted* (group exhibition). Neutral Ground Contemporary Art, Regina, Canada. Curated by Elizabeth Matheson. September 19–December, 12.
51. Hlady, M. (2015). *Soundhall (Dancehauling)* (solo exhibition). NAISA (New Adventures in Sound Art) Toronto. Curated by Darren Copeland. July 1–September 27.
52. Hobson, N.M., & Inzlicht, M. (2016). Recognizing religion's dark side: Religious ritual increases antisociality and hinders self-control. *Behavioral and Brain Sciences*, 39, e14.
53. Hunter, M. (2016). Introduction: New insights on marriage and Africa. *Africa Today*, 62(3), vii–xv.
54. Inbar, Y. (2016). Association between contextual dependence and replicability in psychology may be spurious. *PNAS*, 113(34), E4933–E4934.
55. Inbar, Y., & Lammers, J. (2015). Increasing ideological tolerance in social psychology. *Behavioral and Brain Sciences*, 38, e147

56. Inzlicht, M., & Marcora, S.M. (2016). The central governor model of exercise regulation teaches us precious little about the nature of mental fatigue and self-control failure. *Frontiers in Psychology*, 7, 656.
57. Inzlicht, M., Bartholow, B.D., & Hirsh, J.B. (2015). Emotional foundations of cognitive control. *Trends in Cognitive Sciences*, 19(3), 126–132.
58. Ito, R., & Lee, A.C.H. (2016). The role of the hippocampus in approach–avoidance conflict decision-making: Evidence from rodent and human studies. *Behavioural Brain Research*, 313, 345–357.
59. Jenkins, J.M., McGowan, P.O., & Knafo-Noam, A. (2016). Parent-offspring transaction: Mechanisms and the value of within family designs. *Hormones and Behavior*, 77, 53–61.
60. Ji, L., Murty, V.K., Saper, L., & Scherk, J. (2015). The fundamental group of reductive Borel-Serre and Satake compactifications. *Asian Journal of Mathematics*, 19(3), 465–486.
61. Kazal, R.A. (2015). Migration history in five stories (and a basement): The Lower East Side Tenement Museum. *Journal of American Ethnic History*, 34(4), 77–93.
62. Klenk, N.L., Meehan, K., Pinel, S.L., Mendez, F., Lima, P.T., & Kammen, D.M. (2015). Stakeholders in climate science: Beyond lip service? *Science*, 350(6262), 743–744.
63. Klenk, N.L. & Meehan, K. (2015). Climate change and transdisciplinary science: Problematising the integration imperative. *Environmental Science and Policy*, 54, 160–167.
64. Kronzucker, H.J. (2015). Pride in being a plant physiologist. *Journal of Plant Physiology*, 175, A1–A2.
65. Kwan, W., et al. 2016. *Showroom* (group exhibition). Art Museum, University of Toronto. Curated by Sarah Robayo Sheridan. January 21–March 5.
66. Lakshminarayanan, B., Roy, D.M., & The, Y.W. (2015). Particle Gibbs for Bayesian additive regression trees. *Journal of Machine Learning Research*, 38, 553–561.
67. Lambek, M. (2015). Digesting Stephan Palmié's *Cooking of History. Magic, Ritual, and Witchcraft*, 10(2), 202–206.
68. Lambek, M. (2015). On the immanence of the ethical: A response to Michael Lempert, “No ordinary ethics”. *Anthropological Theory*, 15(2), 128–132.
69. Lambek, M. (2015). What's love got to do with it? *HAU: Journal of Ethnographic Theory*, 5(1), 395–404.
70. Lambek, M. (2016). On being present to history: Historicity and brigand spirits in Madagascar. *HAU: Journal of Ethnographic Theory*, 6(1), 317–341.
71. Lambek, M., & Mittermaier, A. (2016). The dark, the joyful, and the parodic. *HAU: Journal of Ethnographic Theory*, 6(2), i–iv.
72. Larson, K.R., Miller, N.J., & Strycharski, A. (2015). Introduction: Re-reading Mary Wroth: Networks of knowing. In K. Larson and N. Miller (Eds.), *Re-reading Mary Wroth*, 1–15. Palgrave Macmillan US.
73. Le, A., Jayasimha, S., Chrysostomou, S., Grinnell, R., & Joordens, S. (2015). You can have your calculus lecture and watch it online too: Factors associated with academic performance when lectures are made available online. In N. Callaos, J. Horne, B. Sánchez, A. Tremante and F. Welsch (Eds.), *Proceedings of IMSCI 2015: The 9th International Multi-Conference on Society, Cybernetics and Informatics*, (pp. 136–139). International Institute of Informatics and Systematics.
74. Li, G., Kronzucker, H.J., & Shi, W. (2016). The response of the root apex in plant adaptation to iron heterogeneity in soil. *Frontiers in Plant Science*, 7(344).
75. Li, S., Cadotte, M.W., Meiners, S.J., Pu, Z., Fukami, T., Jiang, L., & Rejmanek, M. (2016). Convergence and divergence in a long-term old-field succession: The importance of spatial scale and species abundance. *Ecology Letters*, 19(9), 1101–1109.
76. Lodge, D.M., Mandrak, N.E., Simonin, P.W., Burgiel, S.W., Keller, R.P., Bossenbroek, J.M., Jerde, C.L., ... Zhang, H. (2016). Risk analysis and bioeconomics of invasive species to inform policy and management. *Annual Review of Environment and Resources* 41, 453–488.
77. MacIsaac, H.J., Beric, B., Bailey, S.A., Mandrak, N.E., & Ricciardi, A. (2015). Are the Great Lakes at risk of new fish invasions from trans-Atlantic shipping? *Journal of Great Lakes Research*, 41(4), 1172–1175.
78. Martic, S., & Kraatz, H-B. (2015). Preface. *Kinomics: Approaches and Applications*, XIX–XXI. Wiley.
79. Martin, A.R., & Isaac, M.E. (2015). Plant functional traits in agroecosystems: A blueprint for research. *Journal of Applied Ecology*, 52(6), 1425–1435.
80. Mattila, P.K., Batista, F.D., & Treanor, B.L. (2016). Dynamics of the actin cytoskeleton mediates receptor cross talk: An emerging concept in tuning receptor signaling. *Journal of Cell Biology*, 212(3), 267–280.
81. Maziero, E.G., Hirst, G., & Pardo, T.A.S. (2015). Semi-supervised never-ending learning in rhetorical relation identification. *Proceedings of the International Conference on Recent Advances in Natural Language Processing, (RANLP 2015)* (pp. 436–442). Hissar, Bulgaria: Bulgarian Academy of Sciences.
82. Maziero, E.G., Hirst, G., & Pardo, T.A.S. (2016). Adaptation of discourse parsing models for the Portuguese language. *Proceedings of the 2015 Brazilian Conference on Intelligent Systems (BRACIS 2015)* (pp. 140–145). IEEE.
83. McCue, M.D., & Welch, K.C. Jr. (2016). ¹³C-breath testing in animals: Theory, applications, and future directions. *Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology*, 186(3), 265–285.
84. Meiners, S.J., Cadotte, M.W., Fridley, J.D., Pickett, S.T.A., & Walker, L.R. (2015). Is successional research nearing its climax? New approaches for understanding dynamic communities. *Functional Ecology*, 29(2), 154–164.
85. Norouzi, M., Collins, M.D., Johnson, M., Fleet, D.J., & Kohli, P. (2015). Efficient non-greedy optimization of decision trees. In C. Cortes, N.D. Lawrence, D.D. Lee, M. Sugiyama and R. Garnett (Eds.), *Advances in Neural Information Processing Systems 28* (1729–1737).
86. Passerini, L., Gabaccia, D., & Iacovetta, F. (2016). “Bodies across borders. oral and visual memory in Europe and beyond” (BABE): A conversation with Luisa Passerini, Donna Gabaccia, and Franca Iacovetta. *Women's History Review*, 25(3), 458–469.
87. Pilcher, J.M. (2016). National beer in a global age: Technology, taste, and mobility, 1880–1914. *Quaderni Storici*, 51(1), 51–70.
88. Pilcher, J.M. (2016). The embodied imagination in recent writings on food history. *American Historical Review*, 121(3), 861–887.

89. Pisani, O., Lin, L.H., Lun, O.O.Y., Lajtha, K., Nadelhoffer, K.J., **Simpson, A.J.**, & **Simpson, M.J.** (2016). Long-term doubling of litter inputs accelerates soil organic matter degradation and reduces soil carbon stocks. *Biogeochemistry*, 127(1), 1–14.
90. Plourde, N., **Brown, H.K.**, Vigod, S., & Cobigo, V. (2016). Contextual factors associated with uptake of breast and cervical cancer screening: A systematic review of the literature. *Women and Health*, 56(8), 906–925.
91. Prashar, A., & **Terebiznik, M.R.** (2015). *Legionella pneumophila*: Homeward bound away from the phagosome. *Current Opinion in Microbiology*, 23, 86–93.
92. Ray, S., Demke Brown, A., **Koudas, N.**, Blanco, R., & Goel, A.K. (2015). Parallel in-memory trajectory-based spatiotemporal topological join. Proceedings from 2015 IEEE International Conference on Big Data (361–370). Santa Clara, CA: IEEE.
93. Rodrigo, A.H., Ayaz, H., & **Ruocco, A.C.** (2016). Examining the neural correlates of incidental facial emotion encoding within the prefrontal cortex using functional near-infrared spectroscopy. In D.D. Schmorow and C.M. Fidopiastis (Eds.). *Foundations of Augmented Cognition: Neuroergonomics and Operational Neuroscience* (pp. 102–112). Springer International.
94. **Rothman, E.N.** (2015). Afterword: Intermediaries, mediation, and cross-confessional diplomacy in the early modern Mediterranean. *Journal of Early Modern History*, 19(2–3), 245–259.
95. Sanders, D., McCoy, D., Legge, D., **Birn, A.E.** & Sengupta, A. (2015). Social and political remedies needed for the Ebola tragedy. *The Lancet*, 386(9995), 738.
96. Saunders, B., Milyavskaya, M., & **Inzlicht, M.** (2015). Variation in cognitive control as emotion regulation. *Psychological Inquiry*, 26(1), 108–115.
97. **Schertzer, R.** (2015). Intergovernmental relations in Canada's immigration system: From bilateralism towards multilateral collaboration. *Canadian Journal of Political Science*, 48(2), 383–412.
98. **Schertzer, R.** (2016). Quebec justices as Quebec representatives: National minority representation and the Supreme Court of Canada's federalism jurisprudence. *Publius*, 46(4), 539–567.
99. **Schillaci, M.A.** (2015). Body mass as a confounding variable when predicting group size from orbit diameter and neocortex ratio. *American Journal of Physical Anthropology*, 158(1), 170–171.
100. **Segal, Z.V.**, & Dinh-Williams, L. (2016). Mindfulness-based cognitive therapy for relapse prophylaxis in mood disorders. *World Psychiatry*, 15(3), 289–291.
101. **Segal, Z.V.**, & Walsh, K.M. (2016). Mindfulness-based cognitive therapy for residual depressive symptoms and relapse prophylaxis. *Current Opinion in Psychiatry*, 29(1), 7–12.
102. Shah, A., Adhikari, B., Martic, S., Munir, A., Shahzad, S., Ahmad, K., & **Kraatz, H.-B.** (2015). Electron transfer in peptides. *Chemical Society Reviews*, 44(4), 1015–1027.
103. Shao, Z., **Averbakh, I.**, & Klavžar, S. (2015). Labeling dot-Cartesian and dot-lexicographic product graphs with a condition at distance two. *Computer Journal*, 59(1), 151–158.
104. Shimoda, Y., & **Arhonditsis, G.B.** (2016). Phytoplankton functional type modelling: Running before we can walk? A critical evaluation of the current state of knowledge. *Ecological Modelling*, 320, 29–43.
105. **Silver, M.P.** (2016). Critical reflection on physician retirement. [Réflexion critique sur la retraite chez les médecins] *Canadian Family Physician*, 62(10).
106. **Simpson, A.J.** (2015). Environmental NMR. *Magnetic Resonance in Chemistry*, 53(9), 633–634.
107. Soma, K.K., Rendon, N.M., **Boonstra, R.**, Albers, H.E., & Demas, G.E. (2015). DHEA effects on brain and behavior: Insights from comparative studies of aggression. *Journal of Steroid Biochemistry and Molecular Biology*, 145, 261–272.
108. **Sperdakos, P.** (Consulting director) (2015). *About Me*. Leigha Lee Browne Theatre, UTSC. November 26–27.
109. **Stark, A.** (2015). Inverting Donaldson's framework: A managerial approach to international conflicts of cultural and economic norms. *Business Ethics Quarterly*, 25(4), 535–558.
110. Stefanovici, I., Thereska, E., O'Shea, G., **Schroeder, B.**, Ballani, H., Karagiannis, T., Talpey, T. (2015). Software-defined caching: Managing caches in multi-tenant data centers. *Proceedings of the 6th ACM Symposium on Cloud Computing ACM SoCC 2015* (pp. 174–181). New York, NY: ACM.
111. Stenger, B., Ukita, N., Sato, Y., Fua, P., & **Fleet, D.** (2015). Editorial. *Computer Vision and Image Understanding*, 141, 94.
112. Stephens, P.A., Pettorelli, N., Barlow, J., Whittingham, M.J., & **Cadotte, M.W.** (2015). Management by proxy? The use of indices in applied ecology. *Journal of Applied Ecology*, 52(1), 1–6.
113. Swyer, I., Soong, R., Dryden, M.D.M., **Simpson, A.**, & Wheeler, A.R. (2015). Interfacing digital microfluidics to high-field nuclear magnetic resonance spectroscopy. *Proceedings of the 19th International Conference on Miniaturized Systems for Chemistry and Life Sciences (MicroTAS 2015)* (pp. 296–298). Chemical and Biological Microsystems Society (CBMS).
114. Taylor, G.J., **Bagby, R.M.**, & Parker, J.D.A. (2016). What's in the name "alexithymia"? A commentary on "Affective agnosia: Expansion of the alexithymia construct and a new opportunity to integrate and extend Freud's legacy." *Neuroscience and Biobehavioral Reviews*, 68, 1006–1020.
115. Tybur, J.M., **Inbar, Y.**, Aarøe, L., Barclay, P., Barlowe, F.K., De Barra, M., ... Žezelj, I. (2016). Parasite stress and pathogen avoidance relate to distinct dimensions of political ideology across 30 nations. *PNAS*, 113(44), 12408–12413.
116. Tybur, J.M., **Inbar, Y.**, Güler, E., & Molho, C. (2015). Pathogen disgust requires no defense: A response to Shook, Terrizzi, Clay, & Oosterhoff (2015). *Evolution and Human Behavior*, 36(6), 502–504.
117. Van Grootel, V., Gillon, M., **Valencia, D.**, Madhusudhan, N., Dragomir, D., Howe, A.R., & Burrows, A.S. (2015). HD 97658 and its super-Earth. In R.A. García and J. Ballot (Eds.). *EPJ Web of Conferences Vol. 101: The Space Photometry Revolution: CoRoT Symposium 3, Kepler KASC-7 Joint Meeting* (pp. 02006-1-02006-4). <http://dx.doi.org/10.1051/epjconf/201510102006>

118. **Vanlerberghe, G.C.**, Martyn, G.D., & Dahal, K. (2016). Alternative oxidase: A respiratory electron transport chain pathway essential for maintaining photosynthetic performance during drought stress. *Physiologia Plantarum*, 157(3), 322–337.
119. Vestergaard, M.C., **Kerman, K.**, Hsing, I.-M., & Tamiya, E. (2015). Preface. In M.C. Vestergaard, **K. Kerman**, I.-M. Hsing and E. Tamiya (Eds.) *Nanobiosensors and Nanobioanalyses*, v-vi. Springer Japan.
120. Wang, T., Mohamed, A.R., & **Hirst, G.** (2015). Learning lexical embeddings with syntactic and lexicographic knowledge. *Proceedings of the 53rd Annual Meeting of the Association for Computational Linguistics and the 7th International Joint Conference on Natural Language Processing of the Asian Federation of Natural Language Processing (ACL-IJCNLP 2015)* (pp. 458–463). <http://www.aclweb.org/anthology/P/P15/P15-2075.pdf>
121. **Wania, F.** (2015). Seven questions when deciding where to submit. *Environmental Sciences: Processes and Impacts*, 17(1), 10–11.
122. Watson, S.B., Miller, C., **Arhonditsis, G.**, Boyer, G.L., Carmichael, W., Charlton, M.N., ... Wilhelm, S.W. (2016). The re-eutrophication of Lake Erie: Harmful algal blooms and hypoxia. *Harmful Algae*, 56, 44–66.
123. **Welch, K.C. Jr.**, Péronnet, F., Hatch, K.A., Voigt, C.C., & McCue, M.D. (2016). Carbon stable-isotope tracking in breath for comparative studies of fuel use. *Annals of the New York Academy of Science*, 1365, 15–32.
124. Wellen, C., Kamran-Disfani, A., & **Arhonditsis, G.B.** (2015). Evaluation of the current state of distributed watershed nutrient water quality modeling. *Environmental Science and Technology*, 49(6), 3278–3290.
125. **Whiting, L.** (Conductor and organist) and K. Dandivino (Artistic director). (2015). Puccini's "Suor Angelica" (concert). UTSC Concert Choir and Oshawa Opera. September 27.
126. **Whiting, L.** (organist) and W. Shookhoff (Artistic director). (2015). "Bluebird's Castle". Opera by Request, Toronto. April 2.
127. Winkelman, P., **Inzlicht, M.**, & Harmon-Jones, E. (2015). Preferences and motivations with and without inferences. *Behavioral and Brain Sciences*, 38(1).
128. Yuan, J., Li, W., Zhang, Z., **Fleet, D.**, & Shotton, J. (2016). Guest editorial: Human activity understanding from 2D and 3D data. *International Journal of Computer Vision*, 118(2), 113–114.
129. Zhang, M., Feng, V.W., Qin, B., **Hirst, G.**, Liu, T., & Huang, J. (2015). Encoding world knowledge in the evaluation of local coherence. *Proceedings of the 2015 Conference of the North American Chapter of the Association for Computational Linguistics: Human Language Technologies (NAACL HLT 2015)* (pp.1087–1096). <http://aclweb.org/anthology/N/N15/N15-1115.pdf>
130. Zhang, M., Qin, B., Zheng, M., **Hirst, G.**, & Liu, T. (2015). Encoding distributional semantics into triple-based knowledge ranking for document enrichment. *Proceedings of the 53rd Annual Meeting of the Association for Computational Linguistics and the 7th International Joint Conference on Natural Language Processing of the Asian Federation of Natural Language Processing (ACL-IJCNLP 2015)* (pp. 524–533). <http://www.aclweb.org/anthology/P/P15/P15-1051.pdf>

#UTSC
utsc.utoronto.ca/research

University of Toronto Scarborough

1265 Military Trail
Toronto, Ontario
Canada M1C 1A4

