

YORK RESEARCH LEADERS'

GALA

A CELEBRATION OF YORK'S RESEARCHERS

April 4, 2017

4-6:30 PM

The Underground
4700 Keele Street, York Lanes



#CelebrateYorkResearch

PROGRAM

Call to Order

Celia Haig-Brown, Associate Vice-President Research

Video: York Research Impact Story

Welcome Remarks

Mamdouh Shoukri, President and Vice-Chancellor

Opening Remarks

Ilse Treurnicht, CEO of MaRS Discovery District

Introduction to York Research Leaders' Gala

Robert Haché, Vice-President Research & Innovation

Undergraduate Research at York

Joy Kirchner, University Librarian

On the Significance of Graduate Student Research

Barbara Crow, Dean and Associate Vice-President Graduate

York University Research Leaders and Book Prize Winners 2016

York University President's Research Excellence Award and the York University President's Emerging Research Leadership Award

Mamdouh Shoukri, President and Vice-Chancellor

Closing Remarks

Celia Haig-Brown, Associate Vice-President Research

MESSAGE FROM THE PRESIDENT AND VICE-PRESIDENT RESEARCH & INNOVATION



Mamdouh Shoukri
President and Vice-Chancellor
York University



Robert Haché
Vice-President
Research & Innovation
York University

It is our great pleasure to welcome you to our fifth annual York Research Leaders' Gala. We are delighted to recognize and celebrate the research scholarship and creative activity of our community over the past year.

At York University, one of Canada's leading universities, research and innovation are flourishing. York is undertaking work that has local, national and international significance and impact. We have one of the highest rates of growth in scholarly output in this country. York has Ontario's highest number of collaborative research publications that involve international partnerships. York is also number one in Canada and third in the world in the area of biological and computational vision research.

We are building on these research strengths. In alignment with the *University Academic Plan* and the *Strategic Research Plan*, York is now implementing the *Plan for the Intensification & Enhancement of Research* (PIER). This contains recommendations for growing a culture of scholarly inquiry, investing in and promoting people, supporting research growth and development, leadership in research and research advocacy, and building research for the future.

Interdisciplinary partnerships and community engagement are vital to research at York. Our researchers are working together with industry, government, community groups, not-for-profits and international academic partners to create new knowledge and discoveries that accelerate the development of cutting-edge solutions to today's most pressing scientific questions and social challenges.

We are fulfilling the University's vision to leverage our research excellence and establish York among the country's leading research-intensive universities.

This annual event is, more than anything, a demonstration of York's commitment to excellence in research, innovation and scholarship. Our researchers - internationally recognized leaders and pioneers in their fields - are deeply committed to advancing innovative research projects across the vast spectrum of disciplines. Our students and postdoctoral fellows enjoy the active mentorship of nationally and internationally recognized scholars, in an exciting and engaging research environment bound by an unwavering commitment to research and teaching.

We remain committed to supporting our researchers in their scholarly pursuits, and extend our warm congratulations and best wishes to all of our honorees this year for their continued success.

Sincerely,

Mamdouh Shoukri President and Vice-Chancellor, York University

Robert Haché Vice-President Research & Innovation, York University

OPENING REMARKS

Ilse Treurnicht, CEO of MaRS Discovery District



Ilse Treurnicht

Photograph courtesy of MaRS Discovery District

Ilse Treurnicht is CEO of MaRS, a 1.5 million square foot innovation hub in Toronto. MaRS works with partners to catalyze, accelerate, scale and diffuse innovation in the areas of health, cleantech, finance and commerce, work and learning. MaRS supports innovators and entrepreneurs building high-impact growth businesses, offering specialized infrastructure as well as access to critical talent, capital and customer networks. Treurnicht joined MaRS in 2005 from her role as CEO of Primaxis Technology Ventures, and has been an entrepreneur and executive in a number of emerging technology companies. She is an active member of Canada's innovation community. She was Chair of the Canadian Task Force on Social Finance in 2010. She serves on the Government of Canada's Science, Technology and Innovation Council (STIC) and the Advisory Council on Economic Growth. Treurnicht holds a DPhil in chemistry from Oxford University, which she attended as a Rhodes Scholar.

UNDERGRADUATE RESEARCH AT YORK

Joy Kirchner, University Librarian

Winners from York's Undergraduate Research Fair

Nataly Beribisky, Kunali Gohil, Danika Goshulak, Josette Halpert, Aria Kamal, Marina Kudrow, Recheta Lieu, Marissa Magneson, Sinthi Mahendiran, Kay Angliss McDowell, Nishila Mehta, Khalida Nasiri, Kajanth Palachchandran and Elizabeth Wanstall



Joy Kirchner



Barbara Crow

ON THE SIGNIFICANCE OF GRADUATE STUDENT RESEARCH

Barbara Crow, Dean and Associate Vice-President Graduate

Banting Fellowship

Alana Gerecke

Trudeau Scholars

Aytak Akbari-Dibavar, Gerard Kennedy and Jesse Thistle

Vanier Canada Graduate Scholars

Alison Humphrey, Zachary Lomo, Jesse Thistle and Syrus Marcus Ware

YORK UNIVERSITY RESEARCH LEADERS AND BOOK PRIZE WINNERS 2016

**FACULTY OF EDUCATION
FACULTY OF ENVIRONMENTAL STUDIES**



Deborah Britzman, Faculty of Education, has received the **2016 Lifetime Achievement Award for Contributions to Teacher Education** from the Canadian Association for Teacher Education. Britzman's research interests are in psychoanalysis with education and studies of learning as psychosocial transformation. A Fellow of the Royal Society of Canada, Britzman is author of 100 articles and eight books, the most recent publication being *Melanie Klein: Early Analysis, Play, and the Question of Freedom* (Springer, 2016).



Connie Mayer, Faculty of Education, received the **Sister Mary Delaney Lifetime Achievement Award** in recognition of her work in research, teaching and service in the field of deaf education from the Association of College Educators of the Deaf and Hard of Hearing. Mayer's research interests include language and literacy development, cochlear implantation, early Intervention, bilingualism, signed language and models of teacher education. Her work, focusing on optimizing educational outcomes for deaf learners in an era of unprecedented medical and technological advancements, has an international reach with ongoing research and project partnerships in the United States, Australia and the United Kingdom.

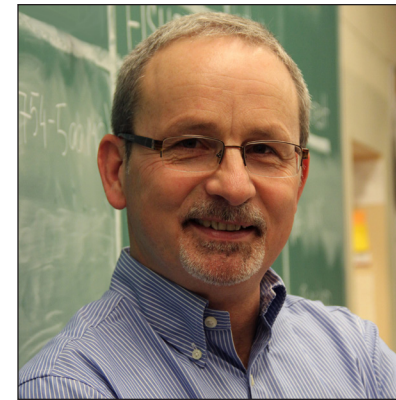


Catriona Sandilands, Faculty of Environmental Studies, has received a 2016 **Pierre Elliott Trudeau Foundation Fellowship** for her project "Storying Climate Change: Narrative, Imagination, Justice, Resilience." Formerly Canada Research Chair in Sustainability and Culture and President of the Association for the Study of Literature and Environment, Sandilands conducts research that is centred in environmental humanities. This includes work at the intersections of ecocriticism and environmental literature, social and political theory, and materialist feminist and gender studies. Her Trudeau project focuses on crafting stories and poetry as a basis for engaging critical, imaginative publics for conversations about climate change and environmental justice.

FACULTY OF HEALTH



Ellen Bialystok, Distinguished Research Professor in the Department of Psychology, has been awarded **Tier I Walter Gordon York Research Chair in Lifespan Cognitive Development**. Her research examines the effects of experience on cognitive function and brain organization across the lifespan, with a particular focus on bilingualism as an example of an intense and prevalent experience. The award will support studies of patients with early Alzheimer's disease to provide a more complete description of these dynamic changes and develop a training protocol based on compensation that will improve cognitive function for all patients. In 2016, Bialystok was named an Officer of the Order of Canada.



David A. Hood, School of Kinesiology and Health Science, is director of the Muscle Health Research Centre. He holds two CIHR operating grants and one NSERC grant. He successfully renewed his **Tier I Canada Research Chair in Cell Physiology (2017-2023)**. In 2016, Hood published nine papers in the scientific literature related to muscle, exercise and mitochondria, and he mentored 15 graduate students and post-doctoral fellows. He is the founding director of the Muscle Health Research Centre, the leading research unit for the study of muscle health and disease in Canada.



Michaela Hynie, Department of Psychology, received a \$1.3 million **Project Grant from CIHR**. Hynie's research focuses on how equity and social inclusion can improve health and well-being. This includes the development and evaluation of interventions that can strengthen social and institutional relationships in different cultural, political and physical environments, particularly in situations of social conflict and forced migration. As part of her interest in partnering with communities and activists on using research for social change, Hynie founded the Program Evaluation Unit in the York Institute for Health Research, which supports not-for-profit organizations in conducting program evaluations.



Joel Katz, professor of Psychology and Tier I Canada Research Chair in Health Psychology, was awarded the **2016 Donald O. Hebb Award for Distinguished Contributions to Psychology as a Science** from the Canadian Psychological Association and the 2016 Outstanding Pain Mentorship Award from the Canadian Pain Society. Katz's research program is aimed at understanding the biomedical, psychological and emotional risk/protective factors for chronic pain. He, his colleagues and students are also conducting studies aimed at reducing the risk of chronic post-surgical pain and persistent opioid use after a variety of major surgical procedures.



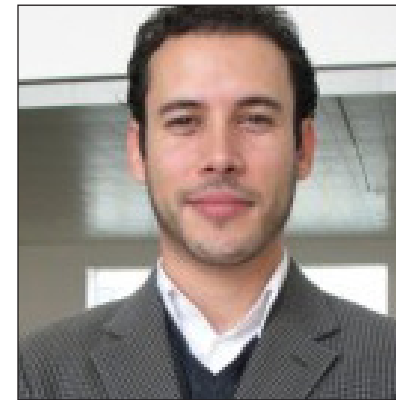
Jolynn Pek, Department of Psychology, received an **Early Researcher Award** from the Ontario Ministry of Innovation and Research for her work titled "Enhancing research with uncertainty quantification: Assessing what we don't know about our results." Pek's research centers on developing quantitative methods to promote sound methodological practice in data exploration and analysis. This includes addressing the quality assurance of scientific findings (e.g., replication, construct validity), improving research design (e.g., power analysis) and quantifying uncertainties in results (e.g., measuring model error). Her work is also funded by SSHRC, NSERC and CIHR, totaling \$1 million.



Shayna Rosenbaum, Department of Psychology and Vision: Science to Applications (VISTA) Program, was the recipient of a **Tier II York Research Chair in the Cognitive Neuroscience of Memory**. She also received the 2016 Early Career Award from the International Neuropsychological Society. This award represents international recognition of an individual who has made a substantive independent contribution to research in the area of brain-behavior relationships. Combining brain imaging with the study of neurological patients, she and her students have shown how different forms of memory are represented in the brain and how they contribute to other functions, from decision-making to social interaction.



Harvey Skinner, professor of Psychology and Global Health, is principal investigator of the \$35 million **Health Ecosphere Innovation Pipeline Project (HEIPP)**. York University, in partnership with Southlake Regional Health Centre, University Health Network and 35 technology business collaborators, received \$15 million from the Federal Development Agency of Canada plus \$20 million private sector contributions to develop personalized health technologies for advancing health promotion and improving patient outcomes while reducing health care costs. The mission is to grow Canada's reputation as a global hub for health innovation by building an ecosystem that moves new technologies rapidly and sustainably through a pipeline from idea to utilization.



Jonathan Weiss, Department of Psychology, is a clinical scientist whose research on mental health in people with neurodevelopmental conditions is changing the way we support their quality of life and that of their caregivers. He recently received a \$1 million **CIHR Project Grant** to study the efficacy of cognitive behaviour therapy to improve emotion regulation processes in children with neurodevelopmental conditions. Weiss is passionate about knowledge mobilization and community engagement. As Principal Investigator, he has been awarded over \$3.5 million in funding, including the CIHR Chair in Autism Spectrum Disorders Treatment and Care Research.

FACULTY OF LIBERAL ARTS & PROFESSIONAL STUDIES



Naomi Adelson, professor of Medical Anthropology, was awarded the 2016-2017 **York-Massey Fellowship**. Her theoretical interests are founded on a critical study of bodies and health and, more specifically, on the naturalization and medicalization of social and historical inequality. Adelson works primarily with First Nations communities in Canada, and has conducted research in collaboration with the Whapmagoostui Cree of northern Québec since the late 1980s. Her current research critically explores so-called frontier nursing in the Indigenous north as a particular space of colonial encounters, focusing on the social and political contexts of mid-20th century Canada and Québec.



Lorraine Code, Distinguished Research Professor Emerita of philosophy, has earned the **Ursula Franklin Award in Gender Studies**. Presented by the Royal Society of Canada, this biennial award recognizes "significant contributions by a Canadian scholar in the humanities and social sciences to furthering our understanding of issues concerning gender." Long recognized for her accomplishments in feminist epistemology, she was the first woman to be named Distinguished Research Professor at York. Code's research has had great influence on theorists across a range of disciplines, including philosophy, political theory, education, sociology, music and more.



Julia Creet, Department of English, is the recipient of numerous SSHRC grants and several contracts from the Office of the Privacy Commissioner of Canada. Her co-edited collection, with Sara Horowitz and Amira Dan, on Holocaust writer H. G. Adler (Northwestern, 2016) won the 2016 **Canadian Jewish Literary Award** for the best contribution to Jewish thought and culture. Creet's research interests in the field of cultural memory are broadly interdisciplinary. Her recent documentary, "Data Mining the Deceased: Ancestry and the Business of Family," was premiered on TVO in February, 2017, and screened at the Ethnografilm Festival in Paris the following month.



Craig Heron, Department of History, received several awards in 2016 for his book, *Lunch-Bucket Lives: Remaking the Workers' City* (Between the Lines, 2015): the **International Labor History Association Book of the Year Award**, the Canadian Association for Work and Labour Studies Book Prize, the Ontario Historical Society Fred Landon Award, the Canadian Historical Association's Clio Prize for Ontario, the Canadian Historical Association's Sir John A. Macdonald Prize (shortlist) and the Ontario Legislature Speaker's Book Award (shortlist). Additionally, the Canadian Association of University Teachers has announced that Heron is this year's recipient of its Distinguished Scholar Award (renamed the Lee Lorch Award).



Sara R. Horowitz, Department of Humanities, has received the 2016 **Canadian Jewish Literary Award** for the best contribution to Jewish thought and culture for her book, *H. G. Adler: Life, Literature, Legacy*, co-edited with Julia Creet and Amira Dan. Horowitz's research interests include Holocaust literary memory, Judaism and gender, and Israeli cinema. She is currently completing a book on gender, genocide and Jewish memory. She was awarded a SSHRC Connection Grant to host a 2016 international symposium on French post-war Jewish literary memory, and is editing a collection of essays on the subject.



Jimmy Huang, School of Information Technology, holds a **Tier II York Research Chair in Big Data Analytics**. His research focuses on information retrieval, text mining, big data analytics and their applications to the web and medical health care. He has published 200+ papers in top-tier venues [e.g. ACM (Association for Computing Machinery) Transactions on Information Systems, IEEE Transactions on Knowledge and Data Engineering]. His contributions in developing and applying modeling techniques to large-scale data analysis have made significant impacts on academia and industry. He was and will be General Chairs for the 19th ACM International Conference on Information and Knowledge Management and 43rd ACM SIGIR (Special Interest Group on Information Retrieval).



Rachel Koopmans, Department of History, was elected to the **College of New Scholars, Artists and Scientists** within the Royal Society of Canada. Her citation reads as follows: "In her wide-ranging explorations of medieval religious culture, Rachel Koopmans has made major contributions to the fields of history, literature, manuscript studies, and art history. Author of the influential and award-winning *Wonderful to Relate: Miracle Stories and Miracle Collecting in High Medieval England* (2011), she has now extended her reach into the specialist area of medieval stained glass, and is engaged in a revolutionary study of the 'miracle windows' at Canterbury Cathedral devoted to Thomas Becket."



David A. B. Murray, Anthropology and Sexuality Studies, is the recipient of the **Ruth Benedict Book Prize** in the category of outstanding monograph (2016) awarded by the Association for Queer Anthropology, a section of the American Anthropological Association. Murray's monograph, *Real Queer: Sexual Orientation and Gender Identity Refugees in the Canadian Refugee Apparatus* (Rowman & Littlefield, 2016), examines the Canadian refugee determination process, analyzing the social, cultural, political and affective dimensions of a legal and bureaucratic apparatus predicated on separating 'authentic' from 'bogus' LGBT refugees. It reveals the ways in which sexuality disrupts and is folded into the nation-state's dynamic modes of gate-keeping, citizenship and identity-making.



Natasha Myers is an associate professor in the Department of Anthropology, the convener of the Politics of Evidence Working Group, director of the Plant Studies Collaboratory, co-organizer of Toronto's Technoscience Salon and co-founder of the Write2Know Project. She won the 2016 **Robert K. Merton Prize** from the American Sociological Association's Science, Knowledge and Technology Section for her book *Rendering Life Molecular: Models, Modelers, and Excitable Matter* (Duke University Press, 2015). Her current projects, funded by an Early Researcher Award, investigate plant/people futures in gardens and restoration sites, including a research-creation project experimenting with the arts of ecological attention in High Park's oak savannah.



Valerie Preston, Department of Geography, has received a **SSHRC Partnership Grant** with funding of \$2.5 million from SSHRC and \$1.2 million from partners for her project "Migration and Resilience in Urban Canada: Identifying Strengths and Building Capacity." An urban social geographer, Preston is involved in research that examines immigration and Canadian cities, gender and local labour markets, commuting and transportation equity, and homelessness and housing among immigrants. With community and government partners, she studies the social exclusion of diverse migrants in contemporary cities and develops policy recommendations that promote equity and access.



Gabrielle A. Slowey, Department of Political Science, is the Inaugural **Fulbright Chair in Arctic Studies** at Dartmouth College, New Hampshire (2016-2017). The Arctic is a key site of knowledge production regarding the impacts of global climate change, capital-intensive resource extraction and competing claims around territory and sovereignty. Slowey's project, "Canada on the Edge? Energy, Ecological Governance and Indigenous Peoples," investigates ways in which Indigenous knowledge informs decisions regarding energy extraction and new dimensions of ecological governance. Slowey specializes in the fields of Indigenous politics, resource extraction, democracy, land claims and self-government.



Leah F. Vosko, Tier I Canada Research Chair in the Political Economy of Gender and Work, is the first recipient of the **Charles Taylor Prize for Excellence in Policy Research**, recognizing her contribution to public policy research that advances social justice in Canada. The prize recognizes the impact of Vosko's research on labour market insecurity. Charles Taylor presented the prize to her, noting "Leah Vosko is exactly what we need in the academic world - someone whose work produces leading scholarship rooted in real world concerns. She's a pioneering scholar in the whole area of precarious work and what it means for the people involved."



Sandra Whitworth, associate dean Graduate Studies and Research and professor of Political Science, received the **International Studies Association (ISA) Distinguished Scholar Award** for 2016. ISA Canada recognized Whitworth's leadership in feminist approaches to international relations, especially in relation to security, peacekeeping and human rights activism. She has played a major role setting much of the groundwork for the development of feminist international relations and has demonstrated leadership is encouraging, cultivating and defending quality feminist scholarship within the field. ISA Canada also recognized her significant contribution to teaching materials through her textbook *International Relations* (Pearson, 2013), now in its third edition.

FACULTY OF SCIENCE



Nantel Bergeron, professor in the Department of Mathematics and Statistics, is a **Tier I York Research Chair in Applied Algebra**. His research involves studying interactions between algebra, combinatorics, representation theory and algebraic geometry, with interesting ties to theoretical physics and computer science. For his investigations, he uses and develops experimental tools in computer algebra. This allows Bergeron and his collaborator to understand and solve complex problems from other areas of science and mathematics. This work is motivated by the need for better combinatorial algorithms in communication systems and in data analysis.



Carol Bucking, Department of Biology, has been awarded the **SEB President's Medal** by the Society for Experimental Biology (SEB). Her research focuses on how the surrounding environment influences the gastrointestinal tract and digestion in fish species. As a comparative physiologist, she looks at a number of different fish species, both marine and freshwater; and as an integrative physiologist, she uses a wide variety of techniques in this pursuit - from molecular biology to behavioural studies. Her research adds to our knowledge of how animals cope with challenges associated with, and during, feeding and starvation by answering this question: Why do animals have the digestive physiology they do?



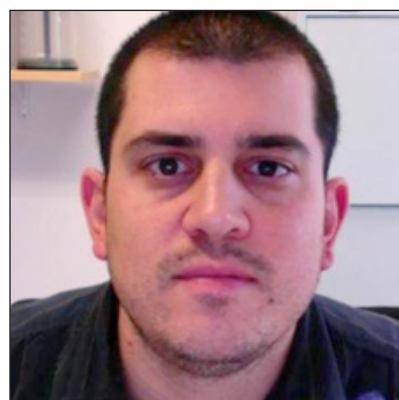
Ray Jayawardhana, Physics and Astronomy, Faculty of Science, with John Moores, Earth and Space Science and Engineering, Lassonde School of Engineering, have had their Technologies for Exo/Planetary Science (TEPS) Program selected by the **NSERC's Collaborative Research and Training Experience (CREATE)** program for funding. NSERC's \$1.65 million grant will support the \$7.01 million program, which is facilitated by industrial and academic partners from across the country as well as international research collaborators. As Canada's first successful, astronomy-based CREATE program, TEPS will ensure that York becomes a leader in exoplanetary astronomy and builds on its existing strength in space engineering and planetary science.



Sergey Krylov, Department of Chemistry, has received an **NSERC Discovery Grant** of \$450,000 for the development of disruptive biomedical technologies. Krylov is a Tier I York Research Chair in Bioanalytical Chemistry. His research interests focus on the creation of innovating technologies for understanding molecular mechanisms of diseases, diagnosing diseases, validation of disease biomarkers, and the development of drugs. As the Director of the Centre for Research on Biomolecular Chemistry, Krylov works collaboratively with hospitals, pharmaceutical companies and instrumentation companies on the development of personalized approaches to cancer medicine.



Derek J. Wilson, Department of Chemistry, has received an **NSERC Collaborative Research and Development Grant** for "Technology-Enhanced Biopharmaceuticals Manufacturing and Development" valued at \$1.6 million. The Wilson group focuses on the molecular origins of disease, particularly neurodegenerative illnesses like Alzheimer's and Parkinson's diseases. The work of this group not only provides critical insights into fundamental disease processes, but has also been successfully translated to accelerate drug and vaccine development with industrial partners like Sciex, Fluidigm, Sanofi Pasteur, Apotex and Treventis Corp.



Jean-Paul Paluzzi, Department of Biology, has received the **Petro-Canada Young Innovator Award** valued at \$7,500 for his research on the discovery of neuroendocrine networks governing the fundamental biology of blood-gorging disease vectors. Paluzzi's research lab examines neuropeptides, their receptors, and the physiological actions they control in mosquitoes and ticks. These networks regulate reproductive biology, development, blood-feeding and hydromineral balance, which are central to the success of these disease vectors. Knowledge acquired through this research will help discover novel strategies to interfere with these regulatory networks aimed to lessen the burden of these human disease vectors.



Amro Zayed, Department of Biology, has been awarded the Entomological Society of Canada's **C. Gordon Hewitt Award**. This award is given to early career researchers that have made outstanding contributions to entomology in Canada. It acknowledges Zayed's pioneering research in bee genomics, his involvement in translating genomics research into bee health solutions, and his science communication and outreach. Zayed, who holds a Tier II York Research Chair in Genomics, uses genomics to study how social behaviour in bees evolved, and how to conserve these ecologically and economically important pollinators.



Chun Peng, Department of Biology, has been awarded a **Tier I York Research Chair in Women's Reproductive Health**. Research in Peng's lab focuses on how signaling molecules control female reproduction and how their abnormal functions lead to the development of reproductive diseases. Her work has contributed to a better understanding of molecular mechanisms underlying the development of ovarian cancer and a pregnancy-related disorder, preeclampsia. Her research also aims to develop diagnostic and therapeutic tools targeted towards personalized medicine for women's reproductive diseases.

**LASSONDE SCHOOL OF ENGINEERING
OSGOODE HALL LAW SCHOOL
SCHULICH SCHOOL OF BUSINESS**



Douglas Hay, professor emeritus, cross-appointed to Osgoode Hall Law School and the Department of History, has been elected **Fellow of the Royal Society of Canada**. His nomination citation states that he "has made a unique contribution both to the legal historiography of England and its former colonies and, more broadly, to interdisciplinary socio-legal scholarship in Canada. He combines a comprehensive approach to source materials with innovative methodology and a broad understanding of law's relationship to society. A prolific scholar, enthusiastic collaborator and generous mentor, he has influenced countless colleagues, students and professional peers in both law and history."



Murat Kristal, Schulich School of Business, has been selected as one of Poets&Quants' **2016 Best 40 Under 40 Professors**. Kristal founded the Master of Business Analytics at Schulich and has grown the program from four to 51 students. Here, his students have produced a 100 per cent placement rate. His students laud him for his openness and relentless passion. Among the youngest professors to ever receive tenure at York, Kristal is regarded as one of the leading researchers in the areas of supply chain management and data analytics.



Sushanta Mitra, Kaneff Professor in Micro & Nanotechnology for Social Innovation, Lassonde School of Engineering, and his team developed **Mobile Water Kit (MWK)** for rapid detection of E. coli in contaminated water. The new technology, which garnered international attention and was featured as one of Maclean's magazine's "Bright Ideas," reduces the time taken to detect E. coli from days to hours. It is also an inexpensive way to test drinking water - a boon for developing countries and Canada's north. It has been commercialized successfully by Glacierclean Technologies Inc., a spin-off company from Innovation York of which Mitra is a co-founder and CEO. Mitra is Associate Vice-President Research.



John E. Moores, Department of Earth and Space Science and Engineering, has received an **Early Researcher Award** from the Government of Ontario. Moores is a planetary scientist and space engineer in the Lassonde School of Engineering who contributes to space missions that explore planets within our solar system. His research focuses on atmospheric science, geophysics and interactions between the atmospheres and surfaces of other worlds. Currently, he serves on NASA's Mars Science Laboratory (Curiosity Rover) Mission and is the Deputy Director of the York-led Technologies for Exo-Planetary Science (TEPS) NSERC CREATE program. Moores' work appeared in *Nature* in January, 2017.



Ela Veresiu, assistant professor of Marketing, Schulich School of Business, has recently been named one of **Canada's 30 Under 30** marketing leaders by *Marketing Magazine*. As one of the youngest business professors in North America, Veresiu studies consumer behavior and market dynamics with a specific focus on the political aspects of markets and consumption. Her work has been published in the *Journal of Consumer Research*, *Marketing Theory*, and featured by, among others, *Fast Company*, *Pacific Standard*, *The Huffington Post*, and *The Globe and Mail*.



Poonam Puri, Osgoode Hall Law School, received the **Pierre Elliott Trudeau Foundation Fellowship** for her project "Piercing the Corporate Veil," which analyzes legal and practical tools to hold Canadian corporations more accountable. Puri's research interests include corporate governance, corporate law, financial markets, capital markets enforcement, auditor liability, investor protection, corporate social responsibility, and the Equator Principles, a risk management framework. Her recent book with Paul Halpern, Caroline Cakebread and Christopher Nichols, *Back from the Brink: Lessons from the Canadian Asset-Backed Commercial Paper Crisis* (University of Toronto Press, 2016) focuses on the financial crisis of 2007-2009 from a Canadian perspective.



Stepan Wood, Osgoode Hall Law School, has been awarded a **Tier I York Research Chair in Environmental Justice and Sustainability**. He leads a cutting-edge international and interdisciplinary research network that explores how to harness the interactive dynamics of transnational governance to promote sustainability, empower weaker actors and enhance regulatory capacity. He is a leading legal researcher on environment, climate change, sustainability and corporate social responsibility. He is the founder of the Osgoode Environmental Justice and Sustainability Clinic, coordinator of the Juris Doctor/Master in Environmental Studies joint degree program and vice-chair of Canada's national committee on environmental management system standards.

SCHOOL OF THE ARTS, MEDIA, PERFORMANCE & DESIGN



Alana Gerecke, Department of Theatre, has received a **Banting Postdoctoral Fellowship** to support her project "Choreographing Publics." Gerecke's study of social choreographies and flash mobs moves between practice and research to examine the social, spatial and kinetic dynamics of moving together in public spaces. Her research interests include contemporary dance and performance, urban spatial politics, culture jamming, digital remediation of live events and social practice. Gerecke is a past Trudeau Scholar. She continues to work as a professional dance artist and creative movement facilitator.



Philip Hoffman, Department of Cinema and Media Arts, received the **Governor General's Award in Visual and Media Arts** in 2016 for life-time achievement as a filmmaker and teacher. Hoffman's research includes analog and digital forms in media arts and synthesized image production, and installation and interactive media. He is also interested in collaborative and participatory media art making with his acclaimed Independent Imaging Retreat Workshop (A.K.A. Film Farm). Hoffman's films have won many awards, including a Golden Gate Award from the San Francisco International Film Festival (1998) and a Gus Van Sant Award from the Ann Arbor Film Festival (2002).



Janine Marchessault, Department of Cinema and Media Arts, has been elected **Fellow of the Royal Society of Canada**. An internationally acclaimed media scholar and curator of numerous large-scale public art exhibitions exploring participatory public art as an inherent aspect of sustainable urbanism. Marchessault's research, including ten monographs and edited volumes and more than fifty articles, has had an enduring influence on the fields of media, cinema, and urban studies. As a curator of art, she is working to open up new spaces for community participation and public dialogue.

VISION: SCIENCE TO APPLICATIONS (VISTA) PROGRAM



Doug Crawford, Tier I Canada Research Chair in Visual-Motor Neuroscience, is being honoured for his continuing work as scientific director of the **Vision: Science to Applications (VISTA) Program**, which was awarded \$33.3 million – the largest research grant in York’s history – part of the Canada First Research Excellence Fund. VISTA will integrate the biological and computational vision research of five York faculties, seven research centres, and over 50 partners to produce technologies that will help people live healthier, safer and more productive lives. VISTA aims to be the world’s premier nexus for transdisciplinary, translational vision research. Crawford is in the Faculty of Health.



Richard Wildes, Department of Electrical Engineering and Computer Science, Lassonde School of Engineering, serves as associate director in York’s **Vision: Science to Applications (VISTA) Program**, funded for \$33.3 million from the Canada First Research Excellence Fund. Seeking to produce technologies to help people live safer, healthier and more productive lives, VISTA will integrate the biological and computational vision research of five York faculties, seven research centres and over 50 partners. VISTA aims to be the world’s premier nexus for transdisciplinary, translational vision research. Wildes’ particular research interests are in computational vision, including machine vision applications.

The VISTA team: Doug Crawford and Richard Wildes accept this award on behalf of the VISTA team. VISTA is a collaborative program that includes the Faculties of Health, Science and Liberal Arts & Professional Studies; the Lassonde School of Engineering; and the School of Arts, Media, Performance & Design. Along with Crawford and Wildes, team members also include Robert Allison, Michael Brown, Marcus Brubaker, James Elder, Mazyar Fallah, Laurence Harris, Denise Henriques, Kari Hoffman, Michael Jenkin, Matthew Kyan, Shayna Rosenbaum, Lauren Sergio, Jennifer Steeves, Dale Stevens, John Tsotsos, Graham Wakefield, Laurie Wilcox, Thilo Womensdorf and Jianhong Wu.

YORK UNIVERSITY PRESIDENT'S RESEARCH EXCELLENCE AWARD AND THE YORK UNIVERSITY PRESIDENT'S EMERGING RESEARCH LEADERSHIP AWARD

Mamdouh Shoukri, President and Vice-Chancellor



Mamdouh Shoukri, President and Vice-Chancellor

YORK UNIVERSITY PRESIDENT'S RESEARCH EXCELLENCE AWARD:

Anne Russon

The 2017 recipient of the York University President's Research Excellence Award is Anne Russon, Department of Psychology, Glendon College. Russon is a first-rate scholar with a record of research, publication, outreach and leadership sustained over many years. She is internationally recognized for her accomplishments as a behavioural primatologist and leading expert on orangutans. For 30 years, her research has broken new ground on great ape intelligence. Her pioneering work focuses on the way in which great apes use their cognitive abilities to solve problems in their natural habitat, the evolutionary origins of these abilities and their implications for human intelligence, and how they may relate to conservation efforts.



Anne Russon



Amro Zayed

YORK UNIVERSITY PRESIDENT'S EMERGING RESEARCH LEADERSHIP AWARD:

Amro Zayed

The 2017 recipient of the York University President's Emerging Research Leadership Award is Amro Zayed, Department of Biology, Faculty of Science. Zayed has already made a major impact and developed an international reputation in his field. He is a productive scholar whose genomic research on honey bees has important applications in the beekeeping industry. He attracts large amounts of funding and talented graduate students and postdoctoral fellows to York. Zayed is very active in translating and mobilizing his knowledge to improve the health of Canadian honey bees that support a large sector of our Canadian agro-economy.

STAY ENGAGED WITH RESEARCH AT YORK UNIVERSITY!

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Visit the [VPRI website](https://research.info.yorku.ca) at
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