

Global Ideas Institute

Food Security: Child Malnutrition in India

APRIL 8, 2014

ASIAN INSTITUTE
AT THE MUNK SCHOOL OF GLOBAL AFFAIRS





ASIAN INSTITUTE







"The Global Ideas Institute has allowed me to view the world from a radically different perspective and challenged me to participate in teamwork in an entirely new way to find solutions to the most pressing social issues facing the world today."

-NICHOLAS ELDER, UPPER CANADA COLLEGE



Global Ideas Institute

We live in one of the world's most diverse cities, and we are experiencing a time of dramatic change. We see a more deeply interconnected world, fuelled by technology, with momentum enough to change corporations, media, and governments in every country. At the same time, we see deep divisions politically and economically, and an ailing planet. The imperatives for a renewed sense of global citizenship and global engagement are clear and unequivocal. We know that our best students in their final years of high school are not being offered enough opportunities in the conventional curriculum to develop those hard and soft skills that they will need to meet the challenges already present in the world. They suffer from this lack of stimulation, and as a country we miss the opportunity to benefit from their freshness, their technological expertise, their passion, and their global-mindedness.

Students are our future leaders and we would do well by ensuring that they engage their world in intellectually imaginative ways. The Asian Institute at the Munk School of Global Affairs and the University of Toronto Schools have jointly planned a symposium for motivated, self-selected high school students, to take place in April 2014. The symposium will be the culmination of over six months of organized group study, research, and continual dialogue. Toronto students from fourteen schools, in grades eleven and twelve, are studying and discussing complex issues in the Global South. They have benefited from a series of lectures and interactive seminars with the world's leading scholars of health and development.

This year's challenge focuses on child malnutrition in India. Addressing this issue is of critical importance.

Working in teams and led by mentors from the University of Toronto and the Ontario Institute for Studies in Education, the students work in a distributed learning model to share readings and conduct face-to-face discussions. In April, their teams will identify and pitch their solutions to the challenge. This symposium will take place at the Munk School of Global Affairs and will feature a panel of experts in the health and development field.

The students' work has been fully integrated across the many fields and disciplines involved in such a complex problem. They are reading and grappling with everything from academic research papers to news clippings, from sophisticated demographic materials to personal stories of those directly working in the field. They are struggling with real-world problems through multi-disciplinary lenses. They are learning about advocacy, empathy, and global citizenship. They, along with their mentors, receive no credit for their work, other than the gratification of studying a pressing problem that has not yet been resolved, together generating solutions that can potentially better the lives of hundreds of millions in low- and middle-income countries.

"Global Ideas Institute opened my eyes to a world where my ideas matter to people's lives. It allowed me to be not just a teenager concerned about other people's misfortunes in a textbook, but also a potential part of the solution in real life."

-GEGE RAN, BRANKSOME HALL



Welcome to the Global Ideas Institute



ASIAN INSTITUTE

ASIAN INSTITUTE AT THE UNIVERSITY OF TORONTO

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In its fourth year now, the Global Ideas Institute (GII) has continued to expand its reach in the Greater Toronto Area, bringing together more students from around the city to consider pressing global challenges and to try to resolve them. In 2010, GII participants tackled the challenge of replicating the Aravind Eye Hospital; in 2011, the challenge was centred on reinventing the toilet; and last year, GII focused on scaling up Sprinkles, a malnutrition intervention. This year, students involved with the GII are looking at ways in which we can alleviate child malnutrition in India. Participants have learned about the burden of malnutrition worldwide, and particularly in India, and various food supplementation and fortification programs designed to produce, distribute, and encourage the use of foods fortified with micronutrients in many parts of the developing world. The challenge, however, is to devise sustainable, scalable, and environmentally sound ways to ensure that many more children have access to and benefit from such interventions.

Impact is front-and-centre at the GII. But more specifically, we are interested in impacting the prevalence of malnutrition in places far away and for people we have never met. The GII looks to inculcate the value of "other regarding" concern: the desire and ability to have an impact on people and places distant from our everyday lives here in Canada. Our aim is to ensure that the next generation of Canadian leaders are in fact global leaders, who have the capacities to imagine the lives of those less fortunate, to not take for granted the opportunities we have here, and to translate what we know here to have a positive impact elsewhere.

International organizations such as the Global Alliance for Improved Nutrition (GAIN) support public-private partnerships to increase access to the missing nutrients in diets necessary for people, communities, and economies to be stronger and healthier. Their innovative program to employ women's self-help groups in rural India to locally procure and produce cereals fortified with essential micronutrients for vulnerable populations aims not only to reduce the burden of malnutrition among children, but also to empower women in rural communities. We know that this is a good idea that has proven to be successful in a small community. But we need to improve the efficiency of the cook stoves used by women in rural villages to cook the fortified foods so as to reduce the risk of respiratory diseases and maximize the benefits of the program. We also need to scale up the implementation of this in order for local solutions to have a truly global impact. Needless to say, it is very difficult to transform those great local ideas into global solutions. But these are precisely the kinds of challenges we must meet if we are to have an impact.

Scholars and students at the University of Toronto are working on these difficult challenges. We are trying to figure out ways to improve child health worldwide. And we have benefited enormously from the contributions and enthusiasm of GII participants. High school teachers have invested their time, energy, and knowledge to direct the students. U of T mentors from the Asian Institute, OISE, the Munk School, and across campus have worked hard to facilitate discussion and debate. The GII management team has been absolutely superlative. And the participants have inspired all of us with their smarts, drive, intellect, empathy, and leadership. Congratulations to everyone involved with the 2013–14 Global Ideas Institute. Your extraordinary qualities never cease to amaze me and, indeed, leave me optimistic that the oversights of our past can and will be resolved with your solutions for the future.

Joseph Wong Ralph and Roz Halbert Professor of Innovation Professor of Political Science and Canada Research Chair Director, Asian Institute

Message from the University of Toronto Schools



UNIVERSITY OF TORONTO SCHOOLS

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The Global Ideas Institute (GII) is an exceptional educational endeavour that involves senior secondary students in an in depth exploration of a complex problem facing the Global South. This year the GII will be engaged in the challenge of addressing child malnutrition in India through anganwadi centres (government-sponsored child- and mother-care centres).

With fourteen schools and over eighty students involved, the Global Ideas Institute is providing a transformative learning experience. The GII connects the research of top scholars engaged in interdisciplinary, collaborative problem-solving with undergraduate and graduate students, as well as teacher candidates committed to global education. Secondary students have an opportunity to consider the issue from multiple perspectives and to apply "integrative thinking" strategies to develop original prototypes. The students have the opportunity to hear researchers share their personal journeys including their frustrations and successes. They learn what university work "looks like and sounds like" as they prepare a ten-minute pitch and an academic poster. Through the Global Ideas Institute, high achieving students are welcomed into a research community where they are empowered to devise innovative solutions. The students are challenged to appreciate local realities and to connect these to global problems. In the final symposium students have the opportunity to hear their peers present and they likewise are provided with feedback from those working in the field. The GII presents a model for university outreach that is founded on a dynamic and interconnected network of shared inquiry.

The University of Toronto Schools (UTS), a secondary school affiliated with the University of Toronto, is pleased to serve as the hub school for the GII, connecting public and independent schools with our University partners at the Asian Institute and the Munk School of Global Affairs. UTS is also committed to involving OISE teacher candidates in the GII. Not only do they serve as mentors, these future educators experience a unique approach to teaching and learning that we hope will inspire them to incorporate a global perspective into their curriculum planning and to use authentic problems as a focal point for investigation.

aaour sincere appreciation to our University partners and to the teachers and students who are committed to the Global Ideas Institute. We feel privileged to be part of this unique venture.

Rosemary Evans Principal University of Toronto Schools



PRIME MINISTER · PREMIER MINISTRE

I am pleased to extend my warmest greetings to everyone participating in the Global Ideas Institute project, hosted by the University of Toronto's Asian Institute and the Munk School of Global Affairs in cooperation with the University of Toronto Schools.

This year's project — child malnutrition in India — allows participants to gain a keen insight into the impact of proper nutrition on children's health and intellectual development. Over the past year, you have had an opportunity to work with professors and student mentors at the University of Toronto. By combining creative thinking with the knowledge gained in the course of your studies, you have met the challenge and presented solutions to a complex problem. I am sure that this experience has been of great benefit to your academic and personal development.

I would like to thank the project organizers for sharing their passion for global issues with Toronto's high school students. Your efforts have helped to prepare these students for the opportunities that await them.

Please accept my best wishes for an enjoyable and productive session of deliberations.

The Rt. Hon. Stephen Harper, P.C., M.P.



OTTAWA 2014



Minister of Health

Ministre de la Santé

Ottawa, Ontario K1A 0K9



I am pleased to welcome you to the Global Ideas Institute Symposium.

Malnutrition can seriously impact the health of a child, from impeding mental and physical development, to compromising the immune system and increasing the risk of infection. Globally, about half of all childhood deaths are attributed to malnutrition and one in three malnourished children lives in India.

As one of the world's largest donors to basic nutrition programs, Canada has brought international attention to this issue and supports critical nutrition programs that help to reduce child mortality. Improving the nutrition of women and children is a key priority in Canada's *Muskoka Initiative* on Maternal, Newborn and Child Health, launched in 2010, which aims to save the lives of women and children in developing countries.

The World Health Organization (WHO) Member States — including Canada — have also endorsed global targets for improving maternal, infant and young child nutrition. For example, reducing infant and young child malnutrition is essential to achieving the *Millennium Development Goals* agreed to by world leaders in 2000. In 2012, WHO Member States endorsed a 13-year comprehensive implementation plan to address maternal, infant and child nutrition.

By helping Ragastthan's children receive adequate nutrition, you not only decrease their risk of becoming ill or dying from diseases, but also increase their chances of staying in school and reaching their full potential. I commend your contributions to tackling this serious public health challenge and hope you continue to seek innovative and collaborative ways to help vulnerable populations around the world.

Rona Ambrose

"Kona Ambrose

Minister of Health / Ministre de la Santé Government of Canada / Gouvernement du Canada

Premier of Ontario - Première ministre de l'Ontario

April 8, 2014

A Personal Message from the Premier

On behalf of the Government of Ontario, I am very pleased to offer warm greetings to everyone taking part in the Global Ideas Institute Symposium. After much hard work and thoughtful preparation, participating high school students now have the opportunity to put forward their strategies to assist a women-led self-help group in India in improving its entrepreneurial know-how and the distribution of fortified blended foods. This is indeed a challenging task — but I am entirely confident that students have devised a range of effective and creative solutions.

I wish to commend the organizers for recognizing that our province's young people have the potential to develop innovative approaches to global challenges — and that they welcome the opportunity to act as global citizens. And to the student participants: Well done! I applaud the discipline you have demonstrated over the past several months and the fresh perspective you have brought to addressing the complex issue of child malnutrition in India. You are well on your way to becoming the leaders of tomorrow.

I wish to express my gratitude to everyone who has made this symposium possible, including the University of Toronto's Asian Institute at the Munk School of Global Affairs, the University of Toronto Schools, participating high school students and their mentors. I am certain that everyone can look forward to a day that is both inspiring and rewarding.

Please accept my best wishes.

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Kathleen Wynne Premier





A Message from the Mayor

It gives me great pleasure to welcome everyone participating in the Global Ideas Institute (GII) forum organized by the Asian Institute and the Munk School of Global Affairs in cooperation with the University of Toronto Schools (UTS).

The Asian Institute is one of the largest Asia-focused research and teaching centres that is focused on showcasing academically-driven events that appeal to students and the community.

This year's GII project will address child malnutrition in India and will challenge students to create strategies and exchange creative ideas with peers, facilitators, professors and other attendees in improving the operation of their enterprise.

It is vital that youth become involved in projects like GII that are integral to raising awareness of the challenges faced in developing countries and around the world. Such opportunities present youth with knowledge and information that serve to educate, inspire and motivate many to make a difference.

On behalf of Toronto City Council, please accept my best wishes for a successful forum.

Yours truly,

Mayor Rob Ford City of Toronto



Meric S. Gertler FRSC, AcSS

President

A Message from the President



On behalf of the University of Toronto, it is my pleasure to extend greetings to those participating in the 2014 Global Ideas Institute — a joint venture of the University of Toronto Schools and the Asian Institute at the Munk School of Global Affairs. Since its inauguration in 2010 – 11, the Global Ideas Institute has opened pathways to students interested in the ever increasing interconnectivity and diversity of global issues. The program bridges communities across the GTA as it offers participants the chance to build on their learning experiences and explore real world questions in a multi-disciplinary environment.

Today's program represents the culmination of months of planning, research and collaboration. I would like to thank and congratulate all organizers and participants for your hard work and commitment to the project.

Best sishes for a successful symposium and in your broader work to support the initiatives at anganwadi centres in Rajasthan.

Sincerely,

Meric S. Gertler President





April 8, 2014

Dear Students,

It is with great enthusiasm that I welcome you to the Global Ideas Institute Final Symposium

As a member of GAIN's Board of Directors, I am keen on learning more about the strategies you have developed to improve the operations of the women's mini-industrial plant, scale up operations to reach more women and children, and redesign of the household cookstove.

As you have learned, micronutrient malnutriaion is a form of malnutrition causes by an improper intake of vitamins and minerals. It can stunt a child's growth and potential for intellectual development, increase a person's susceptibility to disease, and undermine a country's overall productivity. This is particularly true in India, where under nutrition continues to be a major public health issue. As the leaders of tomorrow, your ideas on how to better address child under nutrition in India are critical.

It was a pleasure to speak with you earlier this year on the scaling up local health interventions and answer your questions. I hope you have enjoyed your time with the Global Ideas Institute, and have been able to learn from the speaker sessions and from your University of Toronto mentors. I also hope that you remain interested in issues affecting low and middle income countries and continue to investigate solutions to hunger and micronutrient malnutrition.

Sincerely,

Stanley Zlotkin

Professor of Nutrition, Public Health & Paediatrics,

University of Toronto,

Senior Scientist, SickKids Research Institute,

Chief, Global Child Health,

The Hospital for Sick Chikdren

Symposium Schedule

8:00 АМ - 8:45 АМ

Registration and Continental Breakfast

Global Ideas Institute Poster Exhibition (set up in cloisters)

8:45 AM - 9:00 AM

Welcome & Opening Remarks

Joseph Wong (Professor of Political Science and Canada Research Chair in Democratization, Health, and Development; Director, Asian Institute)

9:00 AM - 10:15 AM

Student Approaches to the Challenge of Child Micronutrient Malnutrition in India

» Round 1
 Bayview Glen
 The Bishop Strachan School
 Bloor Collegiate Institute
 Branksome Hall
 Havergal College

10:15 AM-10:30 AM

Break

VENUE

Vivian and David Campbell Conference Facility Munk School of Global Affairs University of Toronto, 1 Devonshire Place

10:30 AM-11:45 PM

Student Approaches to the Challenge of Child Micronutrient Malnutrition in India

» Round 2 Lawrence Park Collegiate Institute North Toronto Collegiate Institute Northview Heights Secondary School Pickering College St. Clement's School

11:45 AM-12:15 PM

Lunch

12:15 PM-1:10 PM

Poster Exhibition (in cloisters)

Informal pitches by students

1:10 PM - 2:10 PM

Student Approaches to the Challenge of Child Micronutrient Malnutrition in India

» Round 3 Thornlea Secondary School University of Toronto Schools Upper Canada College The York School

2:10 PM - 2:30 PM

Keynote Address

Janice Gross Stein (Belzberg Professor of Conflict Management and Negotiation; Director, Munk School of Global Affairs; Professor of Political Science)

2:30 PM - 3:30 PM

Experts Weigh In on Student Proposals

Joseph Wong (Professor of Political Science and Canada Research Chair in Democratization, Health, and Development; Director, Asian Institute)

Dilip Soman (Professor of Communications Strategy, Rotman School of Management; Director, India Innovation Institute, Rotman and Munk School of Global Affairs)

Daniel Sellen (Professor of Anthropology, Nutritional Sciences, and Public Health; Canada Research Chair in Human Ecology and Public Nutrition)

Yeleka Barrett, Venture Representative, Ashoka Canada

3:30 РМ – 3:45 РМ

Break

3:45 PM-4:15 PM

Group Discussion /
Synthesizing Session

4:15 PM - 5:00 PM

Closing & Certificate Ceremony

Carmen Ho & Beverly Bradley (GII Managers)

Rosemary Evans (Principal, University of Toronto Schools)

Speakers and Discussants



Yeleka Barrett

Yeleka Barrett has been with Ashoka Canada since 2011, where she is a Venture Representative. Beginning first in an administrative capacity, she now leads the search and selection of Ashoka Fellows in Canada, Prior to Ashoka, Yeleka worked for Scotiabank in their wealth management division. Yeleka holds a BA in kinesiology from the University of Western Ontario and a BASc in public health from Ryerson University. Yeleka has extensive volunteer experience, including spending two months in Zanzibar, Tanzania, with Youth Challenge International working with local community-based organizations on youth employment, peer education, and HIV/AIDS awareness and stigma reduction campaigns. She also completed a CIDA internship as a Capacity Building Officer in Kilimanjaro, Tanzania, where she spent seven months working to integrate and provide support for projects run by the charity Canadian Support of Rural African Initiatives (CSRAI). Yeleka served as a member of the Board of Directors and Project Committee Chair for csrai until 2012. She is especially passionate about community health development and innovative solutions to health care.



Rosemary Evans

Rosemary Evans is the principal of University of Toronto Schools, a secondary school for high achieving students affiliated with the University of Toronto. She received her BA in history from the University of Western Ontario and her ма, BEd, and мва from the University of Toronto. She served as a teacher, department head, and subject coordinator for the Peel Board of Education, and later as a vice-principal in the former East York Board of Education. During her time as an instructor in the Initial Teacher Education Program at OISE, Rosemary was the recipient of a Teaching Excellence Award. She later accepted the role of Academic Head at Branksome Hall, where she oversaw the implementation of the International Baccalaureate Programs from junior kindergarten to grade twelve. Rosemary is the author of a number of history textbooks, and has given presentations locally and internationally on topics such as assessment and evaluation, critical thinking and inquiry based learning, and global education.



Janice Gross Stein

Janice Gross Stein is the Belzberg Professor of Conflict Management in the Department of Political Science and the Director of the Munk School of Global Affairs at the University of Toronto. She is a Fellow of the Royal Society of Canada and a member of the Order of Canada and the Order of Ontario. Her most recent publications include Networks of Knowledge: Innovation in International Learning (2000); The Cult of Efficiency (2001); and Street Protests and Fantasy Parks (2001). She is a contributor to Canada by Picasso (2006) and the co-author of The Unexpected War: Canada in Kandahar (2007). She was the Massey Lecturer in 2001 and a Trudeau Fellow. She was awarded the Molson Prize by the Canada Council for an outstanding contribution by a social scientist to public debate. She is an Honorary Foreign Member of the American Academy of Arts and Sciences. She has been awarded Honorary Doctorate of Laws by the University of Alberta, the University of Cape Breton, McMaster University, and Hebrew University.

Speakers and Discussants (continued)



Daniel Sellen

Dan Sellen is Canada Research Chair in Human Ecology and Public Health Nutrition and Professor of Anthropology, Nutritional Sciences, and Public Health at the University of Toronto. Professor Sellen's core interest is understanding how the evolved feeding and care needs of human infants and young children can be met in today's rapidly changing world. His theoretical work has explored the relevance of concepts and theories in human ecology, evolutionary biology, and medical anthropology to global public health efforts to optimize young child feeding and care practices. He currently leads or contributes to several global health research partnerships that apply implementation science techniques to develop and test community-level innovations to protect, support, and strengthen nutrition and care of infants, children, and vulnerable caregivers, primarily in low-income countries. His recently funded projects focus on gender oriented and pro-poor innovation, design, implementation, and evaluation of programs aimed at healthy infant and young child feeding, smallholder value chain addition for nutrition security, and mHealth capacitation of maternal, neonatal, and child health extension. He has also initiated studies of food insecurity and child nutrition among refugees in Britain, America, and Canada.



Dilip Soman

Dilip Soman is a professor of marketing at the University of Toronto's Rotman School of Management and holds the Corus Chair in Communications Strategy. His research is in the area of behavioural economics and its applications to consumer wellbeing, marketing, and policy. He is also the director of the India Innovation Institute and Co-Director of the Executive Center for Excellence in Social CRM. He works with ideas42 and serves as advisor to a number of welfare organizations. He has taught at Hong Kong University of Science and Technology, University of Colorado at Boulder, Indian School of Business, University of Chicago, and National University of Singapore.

Dilip's current research focuses on "helping people help themselves" using insights from mental accounting and the psychology of time. In this work, he used informational (e.g., financial literacy), facilitative (e.g., budgeting tools, communication devices like mobile phones and the internet) and behavioural (e.g., self-control guidelines) interventions to help people achieve financial sufficiency. This research is being done i n Canada, India, China, and Thailand, and is partially funded by grants from the Social Sciences and Humanities Research Council of Canada, The Desautels Centre, and the AIC Institute at the Rotman School. He also does similar research in the area of health behaviours, energy conservation, garbage and recycling, and time management.



Joseph Wong

Joseph Wong is the Ralph and Roz Halbert Professor of Innovation at the Munk School of Global Affairs, Professor of Political Science, and Canada Research Chair in Democratization, Health and Development. He is also the Director of the Asian Institute at the Munk School. Wong is the author of many academic articles and several books, including Healthy Democracies: Welfare Politics in Taiwan and South Korea and Betting on Biotech: Innovation and the Limits of the Asian *Developmental State*, both published by Cornell University Press. He recently co-edited with Dilip Soman and Janice Stein Innovating for the Global South with the University of Toronto Press. Professor Wong has been a visiting scholar at major institutions in the US (Harvard), Taiwan, Korea, and the UK (Oxford); has worked extensively with the World Bank and the UN; and has advised governments on matters of public policy in Asia, Africa, the Americas and Europe. Wong's current research focuses on poverty and social policy innovation. Wong was educated at McGill and the University of Wisconsin-Madison.

Organizing Committee



Carmen Ho

Manager

Carmen is a PhD student and sshrc Doctoral Fellow in the Department of Political Science at the University of Toronto. This is her second year as the manager of the Global Ideas Institute and she is the co-chair of the university's Interdisciplinary Society for International Development. Her research focuses on food and nutrition security in low- and middle-income countries, and her dissertation looks at the role of politics and governance in scaling up maternal and child nutrition interventions. Her past experience includes the analysis of nutrition interventions with unicef in NYC and work to scale up sustainable rice production with the Local Governance Support Program for Local Economic Development (LGSP-LED) in the Philippines. She holds an нва from the Richard Ivey School of Business at Western University and an MSc in International Public Policy from University College London (ucl), both with distinction, and has studied at the National University of Singapore.



Beverly Bradley

Manager

Bev is a fourth-year PhD student in the Department of Chemical Engineering and Applied Chemistry. As a student in the Centre for Global Engineering (CGEN) and the Collaborative Doctoral Program in Global Health, Bev's research aims to improve medical oxygen delivery systems for hospitals in low-income countries. Oxygen is an essential medicine for treating illnesses such as childhood pneumonia, which is the leading cause of death in children worldwide. Her country of focus is The Gambia, West Africa. Before joining CGEN, Bev completed a BASc in systems design engineering at the University of Waterloo (2006) and an MASc in biomedical engineering at Carleton University (2008). Bev has worked in several healthcare and research settings, including the Children's Hospital of Eastern Ontario, the Grand River Regional Cancer Centre, and the Ottawa Hospital Research Institute, Bev has been involved with the Global Ideas Institute since 2011-2012, was on the organizing committee for the Social Change and Youth Leadership Conference at U of T in 2012, and has been a member of Engineers Without Borders since 2003. Bev also enjoys travelling, running, and yoga.



Hormuz Dadabhoy

Mentor Coordinator

Born and raised in Mumbai, India, Hormuz is currently in his fourth year pursing an undergraduate degree in Asia-Pacific Studies and Environmental Studies. He is currently working on a senior thesis focusing on affordable housing in Mumbai. Hormuz's interest in the environment brought him to Ecuador where he spent the better part of the past summer conducting research in the Ecuadorian Andes and Amazon looking at plant adaptations to the different topographies and climactic zones. Having been involved with GII for the past two years as a mentor, Hormuz is excited by the prospect of helping to run the program.

Organizing Committee (continued)



Katelyn Yoo

Katelyn is Research Manager at the Rotman School of Management focusing on areas of global health, policy, and economics. She graduated from the University of Toronto with a Bachelor of Commerce. Her interest in health economics and policy was furthered through an environmental economics course she took at Harvard University, and through the Harvard Summer Abroad Program in Kenya, to make healthcare delivery more efficient and safe, and to design budgets that improve the efficacy of health systems. She has worked at non-profit organizations and the City of Boston in the Office of Jobs and Community Service to provide eligible taxable income refunds to the low-income quintile. She also worked at Kraft Foods as a Business Analyst and on sustainability. She volunteers at the United Nations Association, and at the Social Spark writing cases in collaboration with Free the Children and Engineers Without Borders. As a child she lived in many different places including Indonesia, Hawaii, Canada, and Korea. She has passion for travelling, especially to developing countries, and has travelled to twenty-three countries and over fifty major cities. Her international framing carries over to her passion for global health, public policy, and health economics.



Nandita Perumal

Logistics Coordinator and Final Symposium Manager

Nandita is a first-year doctoral student in epidemiology at the Dalla Lana School of Public Health at the University of Toronto. She holds a BSc in nutrition science from McGill University and completed her MPH in epidemiology at the University of Toronto. Her research interests are in nutrition and maternal, newborn, and child health in the global health context. Her previous work includes conducting data analysis of a micronutrient supplementation trial in Bangladesh and working in Kenya on an agriculture and health integrated project to alleviate vitamin A deficiency among pregnant women and their children. Nandita enjoys being involved in student engagement initiatives and is also a co-chair of the Interdisciplinary Society for International Development (ISID).



"The Global Ideas
Institute is the type
of program that forces
students not only to
immerse themselves
in an issue, but also to
adapt, create, and most
importantly, challenge
conventional ideas."

-IOANA BURTEA, UNIVERSITY OF TORONTO SCHOOLS

University of Toronto Mentors

Anika Amritanand

Anika is an ophthalmologist practicing in a teaching hospital in India. Presently she is on sabbatical leave while pursuing a Master's in Community Health (Health Practitioner Teacher Education) at the Dalla Lana School of Public Health Sciences, University of Toronto. Her area of interest is community ophthalmology, which involves the application of public health principles to the practice of ophthalmology in the screening and prevention of eye diseases within the community, especially among those with poor access to eye care. Anika also has an interest in medical education as related to training of residents, medical and other allied health sciences students, and community-based eve health workers. As an extension of her interest in preventable blindness she has had an interest in childhood malnutrition in India and looks forward to a very meaningful experience with the GII.

Camille Beaudoin

Camille is a second-year undergraduate student doing a double major in international relations and history and a minor in Spanish. She is very interested in development in Asia and the Middle East, and the future of democracy. Camille was born in a small mining town in a Northwestern Quebec but has moved a lot around since she was eight. She is very lucky to have travelled a lot and seen many different and beautiful countries, including China, Australia, Singapore, Greece, Italy, and Ecuador. Camille is almost trilingual and is a bit obsessed with yoga - she attends classes as often as she can. She considers herself to be very talkative and energetic, and is excited about this year's GII challenge.

Nicole Betel

After completing a specialization in political science at Western University in 2009, Nicole went on to pursue graduate

studies at the University of Toronto where she completed a Master of Arts in political science in 2010. Her graduate work focused on conflict management and transitional justice. After graduate school, Nicole was hired by Friends of Simon Wiesenthal Center, where she developed social justice curriculum and taught interactive, multimedia workshops to more than 10,000 elementary and high school students representing more than twelve boards of education each year. In her capacity as educator at FSWC, Nicole also facilitated diversity and sensitivity training for law enforcement personnel of all levels from across Ontario. Nicole is currently a teacher candidate at the Ontario Institute for Studies in Education. She is very excited to be participating in the GII initiative and looks forward to the creativity and insight that the student participants will surely offer.

Dionne Boahene

Dionne is a third-year undergraduate student at the University of Toronto, currently pursuing a double major in economics and international relations. She was born and spent her childhood in London, England, and having moved around in Canada as well, Dionne developed an interest in visiting new places, meeting new people, and learning about different cultures and ways of living. Her academic interests include international and macro economics, international and comparative law, and contemporary history. In the future, she hopes to pursue a career in law, economic analysis/policy, journalism, or creative writing (or some combination thereof). Outside of her school work she enjoys reading, writing, acting, and pretending that she can sing.

Linda Chu

Linda is currently pursuing a Bachelor of Education at OISE. She completed an Honours Bachelor of Science in biochemistry and integrative biology at the University of Toronto in 2012. Linda grew up Pakistan until she was seven years old and has been living in Toronto ever since. She hopes to eventually become a teacher in Ontario, and would like to be able to coach high school teams. Linda has spent time volunteering with students, working with them on reading and study skills, and has done some course-specific tutoring. She also works with organizations such as Footprints4Autism and Frontier College. Her passions include education, working with youth, science, and art. Linda enjoys hot yoga, painting, and pottery as often as she can.

Alexandra Fitzgerald

A few short months ago, Alex left her job in retail wealth management to pursue an MBA at the Rotman School of Management. At school, she has a keen interest in problem solving and how it informs corporate strategy. Having lived for many years in Germany, Alex enjoys learning about new countries and meeting fresh faces from different backgrounds than hers. When she's not overwhelmed with school work, you'll find Alex trying new restaurants with her husband Michael. As a lover of all things active, Alex plays soccer in the summer, skis in the winter, and practices yoga all year long. To learn more, check out her blog on the Financial Times: http://blogs.ft.com/mba-blog/author/ alexandrafitzgerald/.

Gordon Grisé

Gordon is a graduate of the consecutive education BA program at OISE. He completed the global citizenship and sustainable development cohort and has teachables in history and political science. Gordon graduated with an HBA in political science and peace and conflict studies from the University of Waterloo in 2006. After spending a year as a ski instructor in Vancouver, he taught English to Japanese students for five years at the elementary and junior high school levels in Miyako,

University of Toronto Mentors (continued)

Hiroshima, and Tokyo, Japan. While teaching overseas he spent a considerable amount of time travelling in East and Southeast Asia, involving himself in OXFAM Japan and volunteer activities in Cambodia for children who were victims of landmines.

Stephanie Lau

Stephanie is a fourth-year student doing a specialist in psychology. She is an avid learner and regards the accumulation of knowledge as a crucial cause in her life. While her academic degree is hugely concentrated in psychology, she has a diverse spectrum of interests ranging from science and technology to social justice and sustainability. Her passion for global health protection is demonstrated in her involvement with Project Little Dream, a registered charity in Hong Kong that designs, builds, and runs rural village schools in Takeo, Cambodia. Stephanie joined the education field trip in December 2012 to develop a new curriculum for village schools at Thnouh. Along with the team, she maximized the potential impact of the schools by improving the quality of teaching. This past summer, she also worked as a seminar leader representing University of Toronto Canada-China Exchange of Leadership to participate in a conference held in Beijing, China. She is currently working as a digital marketing intern at the Rotman School of Management.

Natasha Leclerc

Natasha is a third-year student at the University of Toronto studying archaeology and Aboriginal studies. Having had opportunities to work with Aboriginal youth in British Columbia, she has become very interested in bridging the gap between archaeologists and Aboriginal peoples in Canada by progressively moving towards collaborative archaeological projects with Aboriginal communities. Her interest in Aboriginal studies has encouraged her to explore different issues concerning Indigenous communities, including malnutrition within reserves. Her interest in these issues has brought her to explore different arenas around

the world where malnutrition is problematic. It is with this perspective that she enters the GII program as a mentor, with passion, curiosity, and open ears.

Jennifer Lee

Jennifer is currently pursuing a part-time MBA at the Rotman School of Management while concurrently working as a management consultant for Accenture's Sustainability Services practice. She completed an undergraduate degree in international development studies at McGill University and obtained a post-graduate degree from the Institute without Boundaries, a design program created in partnership between Bruce Mau Design and George Brown College, in Toronto. Jen is also a graduate of the Bishop Strachan School, where she currently serves on the executive alumni committee.

Recently, she relocated to Toronto from Singapore where she lived for over two years. Prior to joining Accenture, Jen also worked with the Canadian Foreign Service in Trade Development; the Toronto International Film Festival in government sponsorship; and Work Worth Doing, a design studio focused on sustainability and social entrepreneurship. Through her work and studies, Jen has also lived in Copenhagen, Chennai, Montreal, Atlanta, and Washington, DC.

Lauren Leedale

Lauren is in her final year at U of T, completing a specialist in international relations and a major in economics. She has a particular interest in foreign aid and development. Lauren is concentrating much of her research on the evolution of Canadian and American foreign aid regimes and at the same time looking at aid effectiveness and critically examining how the West thinks about aid and development. She loves to travel and enjoys studying languages. Lauren spent her third year of university in Madrid, where she took classes in Spanish and travelled throughout Europe. While abroad Lauren took several politics and gender courses that changed the way she

looks at challenges in public policy and development projects. She believes this shapes her perspective coming into this year's GII challenge. She is looking forward to working with the students as they develop their own perspectives and grapple with such a complex issue.

Celine Liu

Celine is a first-year undergraduate student at University of Toronto, planning to double major in economics and international relations. She was a high school participant in the GII program last year and the rewarding and unique experience she had attracted her to apply again. Celine is an international student from China who is interested in issues related to international development. She loves music and has started volunteering at a charity to teach underprivileged children to play violin. She is also involved in debate club and Model UN at U of T since she enjoys discussing contemporary issues and crises that have arisen all over the world. In her spare time, Celine likes cooking, reading, and swimming. She hopes that the students who participate in the GII this year will have an enjoyable experience, which she had last year, by developing skills and absorbing and applying knowledge.

Iain McCauley

Iain is presently completing a Master of Global Affairs at the Munk School. While at Munk, Iain is interested in studying educational policy and programs with an emphasis on their role within marginalized communities. From this he hopes to work towards developing policy mechanisms to promote social equality. Iain is also working as a supply teacher with the Toronto District School Board in elementary classrooms primarily from grades four to eight. On a personal note Iain enjoys travelling and sports. He has been fortunate to have done a fair amount of travelling thus far in his life. His favourite cities that he has visited are Berlin and Edinburgh.

Richard Park

Richard is currently pursuing a Master of Education at OISE in curriculum, teaching and learning, with academic interests in science teaching, multicultural education, and critical pedagogy. His international experiences include leisure trips to Asia and Europe, and a year-long English teaching experience in South Korea. He participated as a mentor with the GII for the 2011–2012 challenge, and is excited to see what this year's challenge has in store.

Alesha Porisky

Alesha is a PhD student in political science at the University of Toronto. Her research interests include social protection and the intersection between state and non-state actors in developing countries. She is the director of Conversations for Change, a Canada-wide youth engagement campaign, which includes a documentary, a book, and a high school curriculum. Alesha has worked in Serbia and Egypt with the United Nations Development Programme, filming short documentaries on everything from community development to autism. She holds in a BA in economics and political science from the University of British Columbia, and is a passionate writer, photographer, and filmmaker.

Kapil Prasannaa

Kapil is a second-year мва student at the Rotman School of Management. Before joining Rotman he worked as a technology consultant with Citibank and Barclays for over four years. Having lived and worked in seven cities across the world, he considers himself to be a truly global citizen. Kapil is keenly interested in not-for-profit organizations that work to empower children and as a business student he strives to find more profitable and sustainable solutions to address pressing social problems. His hobbies are jogging, running marathons, hiking, and playing chess. He is also a yoga and meditation enthusiast and has been trained to be an Ashtanga yoga instructor.

Nazima Qureshi

Nazima is a graduate of the Nutrition and Food program at Ryerson University. She is currently pursuing a Master of Public Health in community nutrition at the University of Toronto. Nazima has volunteered with multiple community health centres, hospitals, and professional organizations to enhance her scope in dietetics. As a future dietitian, Nazima has a passion for public health and hopes to develop inclusive nutrition programming for various communities. In her spare time, Nazima likes to express her creativity by baking delectable desserts. She has also had two recipes published in The Vegetarian's Complete Quinoa Cookbook by the Ontario Home Economics Association.

Aditya Rau

Aditya is a second-year undergraduate student at Trinity College in the University of Toronto, pursuing an Honours BA in political science. His academic interests include political and constitutional theory and foreign policy. Aditya's interest in political science and public policy stems from living out his school years as a global nomad. His experiences, which include working on development projects in India and Ecuador, have kindled his interest in the relationship between institutions and policy, which he believes is key in addressing complex societal problems. On campus, Aditya is a member of the Hart House Debates Committee, which facilitates discussions on issues of public importance. He is involved outside of the classroom at Trinity College, where he serves on the executive of the Volunteer Society and is a member of the Chapel Choir. Aditya's passion for drama has led to his involvement as the stage manager for the Trinity College Dramatic Society's production of Murder in the Cathedral. In his spare time, Aditya enjoys participating in a variety of sports, playing piano, exploring Toronto's gastronomic scene, and staying caught up with the latest movies.

Sarah Regli

Sarah is a teacher candidate at OISE training to be a chemistry and physics teacher. Her background includes a one-year teaching internship at Pearson College United World College in Victoria, BC, teaching IB chemistry. Prior to that, Sarah completed her MSc in chemistry at the University of Alberta studying photoluminescent nanoparticles and their use in drug delivery. Sarah is originally from Ontario and completed her BSc in chemical physics at the University of Guelph. She loves the outdoors and biking, hiking, camping, and skiing.

Brittany Scarfo

Brittany is a teacher candidate at OISE in the intermediate/senior division, with a focus on global citizenship and sustainability. She has an HBA from Wilfrid Laurier University in English and global studies with a minor in geography. During her university career Brittany worked as a TA for the Global Studies Department and Learning Services, while also volunteering for literacy organizations such as Frontier College. Brittany is at oise to work towards merging her two passions - teaching and travelling in order to teach abroad after graduation. Other interests include reading, writing, fitness, and photography.

Krista Singh

Krista is a second-year Master of Applied Science student in the Department of Chemical Engineering and Applied Chemistry. Her research is focused on improving the dewaterability of wasteactivated sludge, a byproduct of the activated sludge wastewater treatment process, so that its energy content may be better recovered. To complement her studies, Krista is a member of the University of Toronto's Water Environment Association of Ontario (WEAO) student chapter, which aims to increase students' knowledge and understanding of the water environment, as well as the Chemical Engineering Graduate Student

University of Toronto Mentors (continued)

Association (CEGSA), which aims to bring fellow students together. Krista holds a Bachelor of Engineering in engineering chemistry from Queen's University, where she graduated with first class honours. Similar to chemical engineering, engineering chemistry is a unique and intensive program that certifies its graduates as both chemical engineers and chemists.

Joshua Tan

Joshua is enrolled in the Master of Public Policy Program and the Collaborative Master's Program in Asia-Pacific Studies. Having completed his undergraduate studies at the University of Toronto in international relations and Asia-Pacific studies, Joshua has had the opportunity to delve into many topics concerning Asia and its growing prominence in the international system. He took part in an undergraduate research trip to Taiwan and China and the student-led INDePth (Integrating Notions of Development and Progress) Conference, and both experiences demonstrated to him that myriad approaches and considerations have to be taken into account when any policy development is concerned. Through studying public policy, Joshua hopes that he will be able to attain the necessary skills in order to better understand the multitude of problems that plague policy development and be able to come up with innovative solutions.

Dorina Verli

Dorina is a graduate student of political theory and is interested in republican thought, both ancient and modern. Her focus is modern French political thought, especially that of Montesquieu and Jean-Jacques Rousseau. Dorina was born and lived for fourteen years in post-communist Albania, so she is also interested and closely acquainted with questions of democratic transition and consolidation, as wells as identity politics and multiculturalism. As an undergraduate student, Dorina was a member of the G8 Research Group at the University of Toronto, where she contributed to a

report on Russia's (then) recent integration into the G8 forum. She was also on the organizing committee of a conference on Global Citizenship held at the University of Toronto in 2007.

Andrew Wells

Andrew is working towards completing a Master of Arts in political science with a focus on economics and development. His thesis analyzes the role of neo-liberal industrial states in acting as a barrier to development in the Global South. Andrew also completed his BA at U of T, with a specialist in political science and a major in history. In his professional life, Andrew has concentrated his time in the financial and legal sectors, seeking practical experience. He has interned for an American federal bankruptcy judge and a bankruptcy law firm, and has spent the last four years working in accounts receivable at RBC. In his spare time Andrew enjoys playing sports, including volleyball, hockey, and soccer.

Juliana Yi

Juliana is a second-year PhD student in health services research at the Institute of Health Policy, Management and Evaluation. Her thesis, which is being completed under the supervision of Dr. Fiona Miller, is focused on how organizational, political, and institutional contexts influence priority-setting decisions for health technology assessments. Juliana's interests are in the areas of health technology, health policy and economics, science and technology studies, and organizational decisionmaking theory. She holds a Bachelor of Economics and Business (York University), a Master's Degree in Biomedicine, Bioscience and Society (London School of Economics), and a Master of Public Policy (University of Toronto). Juliana attended The Country Day School in King City, Ontario, for high school and is excited to work with her mentees this year and encourage critical thinking about nutrition policies and programs in India and the issue of child malnutrition.



"There's nothing more inspiring than collaborating, conversing, and learning from some of the top minds in Toronto – whether other students, teachers, or the phenomenal guest speakers that GII has to offer."

-SATYAM CHOUDHURI, NORTHVIEW HEIGHTS SECONDARY SCHOOL

High School Participants Students

EMILY ABBOTT is a student at the Bishop Strachan School and likes playing and listening to music. She plays guitar, bass guitar, violin, and piano. She also likes to volunteer, especially with children. She spends her spare time with friends and family and with her dog. She participates in music ensembles and academic clubs such as debating and Model United Nations, and is a member of the Moral Courage Task Force where she participates in and initiates difficult conversations about issues in society. Emily enjoys travelling, learning languages, and sports. She is interested in studying history and political science and is also interested in law.

BRONWYN BARKER is a student at St. Clement's School.

MEEKY BRITANICO is a grade twelve student at Northview Heights Secondary School. Her interest in global affairs and issues in human growth, as well as her eagerness to learn about an issue that is important to her, have motivated her to tackle the challenge of addressing malnutrition in India. Meeky also takes an interest in business, the world of entrepreneurship, and sociology. She loves culinary arts, a variety of music, John Green books, and a good laugh. She feels that participating in GII has provided her invaluable insight and perspective, all while allowing her to meet and collaborate with some fantastic people. She hopes that the work and lessons taught at GII will inspire others to be courageous enough to address other important issues, and not be afraid to initiate change

MADISON BRUNO is a student at the York School.

IOANA BURTEA is a grade eleven student at University of Toronto Schools. She was born in Romania but immigrated to Canada at the age of one. Since an early age, she has had a passion for world issues, which led her to become executive of her school's Law Club and to participate enthusiastically in Model

United Nations symposiums. It was this same interest that attracted her to GII, where she hopes to further explore the dynamics surrounding child malnutrition and possible solutions. Additionally, Ioana is president of her school's Book Club and editor of the in-house creative writing magazine, Firefly. She is especially interested in the intertwined relations between social progress and literature, which inspired her to give a TEDx speech. Ioana spends her summers travelling, volunteering at the Royal Ontario Museum summer camp, and attending enriching summer programs. Since grade eight, she has also been volunteering her time to tutor younger children in French and math. Ioana hopes to pursue a career in international law and considers gir to be a stepping stone into the world of global issues.

CHRISTABEL CHAN is a grade eleven student at the Bishop Strachan School, a Model UN addict, and a rower. In her rare free time, you'll find her curled up with a wellworn copy of Gone with the Wind or Jane Eyre or playing with her little sister. During the summer, she loves working with younger kids as a camp counsellor or as a volunteer in the paediatric ward of a hospital. For her, the best reward is seeing little kids smile because they are happy to see her. In the future, she hopes to earn a degree in biology and international relations. Her dream is to become a paediatrician with Doctors Without Borders so that she can help kids all over the world. She wants to give children in Africa and Asia the same health care accessibility that we are so lucky to have here in North America. While the North American health care system could still benefit from changes, she feels that our most immediate concern should be improving health care systems that are far worse, even if they aren't that close to home

RACHEL CHAVES is a student at Lawrence Park Collegiate Institute. Her main interest is the arts and more specifically acting. She has always been interested in helping people who may not be able to help themselves, which is why she joined GII. She hopes that when she becomes an influential actress she will be able to help others not just by donating money, but by creating sustainable ideas.

SATYAM CHOUDHURI is a grade twelve student at Northview Heights Secondary School. He is an avid leafs fan, a fitness enthusiast, a leader, and an academic. He was born across the street from his school (in a hospital of course), so he's been living in his area for about seventeen years. During his limited spare time, Satyam is either at the gym, reading books, watching shows, browsing Reddit or cheering for the Leafs. He loves most sports, except basketball because he can't shoot for his life. He's been on his school's soccer team for three years, and he also plays cricket outside of school. He's been in several leadership roles at his school (including leading clubs and an annual leadership retreat) because he loves group interaction and group dynamics. After high school, Satyam hopes to study kinesiology at McMaster, and then go onto become a physiotherapist, chiropractor, or whatever other doors open up for him.

AYSER CHOUNDHURY is a student at Upper Canada College

DANIEL D'ALESSANDRO is a grade eleven student at Bayview Glen School with interests including public speaking and sports. In eighth grade he won the provincial public speaking contest for private schools in Toronto and hasn't looked back since on taking as many public speaking opportunities in his life as possible. Sticking with his public speaking ability, his extracurricular activities include the school play, debate club, Model UN, DECA, and being a member of Bayview Glen's Student Executive Council as Male Head of Student Life. In the future, he hopes to get accepted into the university of his choice studying commerce. He looks forward to the presentations in April as he is very excited to see everyone's ideas for solving this real world problem.

LAUREN D'ANGELLO is a student at North Toronto Collegiate Institute

JACK DENTON has had a lifelong love affair with books. Reading has made him want to grow up to be everything from a puppetmaster to an astrophysicist, but for the last long while he's been captivated by global politics and history. He loves magazines in particular, from Foreign Policy to Lapham's Quarterly. At North Toronto Collegiate Institute he leads the Debate Society, is a section editor for the school's award-winning newspaper, tries to help the planet with the Environmental Action Team, smuggles funds into his foreign accounts as the Music Council's treasurer, blasts out notes as a tuba player, and tries not to get hurt on the rugby team. In the future he'd like to see himself make a difference. At this age, it's hard to say exactly what he'd like to do, but he commends those who do. Jack is drawn towards international history and international relations, which seem to provide a firm basis for understanding, respectively, how countries have interacted in the past and how they should interact in the present political climate. And maybe in that understanding, viscerally nasty elements of human interaction, such as unneeded and violent conflicts, can be stopped. That's what he'd like to be a part of.

SOUHILA EL SHEIKH is a student at the York School.

NICHOLAS ELDER is a student at Upper Canada College interested in computer science and business. He is studying economics, history, and English at the higher level. When he is not involved in his studies he enjoys training on the varsity swim team, running the Digital Media and Computer Science Club, and pursuing his interest in web development. He also spends his summers sailing and participating in regattas. Nicholas aims to continue his studies in the fields of computer science and business at the university level

High School Participants – Students (continued)

GEORGIA ELLICKSON is a student at the York School

MACKENZIE DE FREITAS is a grade twelve student at Lawrence Park Collegiate Institute. After graduating she will be attending Conestoga College for a Bachelor of Public Relations. With that degree she aspires to work for non-governmental organizations that help those in need. When she heard about the Global Ideas Institute she knew she had to be a part of it.

ELORA GARBUTT is a student at Lawrence Park Collegiate Institute. She has a major interest in history and relations of the world and hopes to lead her education into a career involving either of these. She is also a proud member of Girl Guides and this will be her thirteenth year in it.

JULIA GEIST is a student at St. Clement's School.

JUNE GLEED is a grade eleven student at Pickering College. At school she is on the basketball, swimming, and golf teams and is a part of the jazz band, radio program, student committee, and of course the gii team. She enjoys reading, writing, and photography in her free time, and plays golf for the majority of her summers. This past year she went to the YSP Summer Law Program at the University of Toronto and the Canadian Student Leadership Conference in Prince Edward Island. Her favourite subjects in school are English, French, and politics. An interesting fact about June is that she is petrified of butterflies. In the future she is looking forward to continuing her education in university and expanding her knowledge of the world and current issues

ALIZE GUNAY'S extracurricular activities consist of swimming and competitive water polo. She plays the piano and the guitar, and is also a member of the senior choir and folk group at the Bishop Strachan School. She expresses her love for the arts through her position as the Arts Coordinator at school, where she can also develop her leadership skills. In her free time she volunteers for Justin Trudeau's Liberal Party because she finds political, cultural, social, and religious topics extremely interesting. Alize also has a passion for the sciences and

in the future would love to become a doctor, possibly a psychiatrist where she can combine her love for the spiritual and the sciences and be able to pursue a career in research.

MAWIYAH HAQ is in grade eleven at Havergal College. She has shown interest in international affairs since the start of high school, as she is a part of the Debating team and мии team at Havergal. Mawiyah is also the co-head of the Best Buddies community partnership and enjoys working and interacting with new people. Her interest in the Global Ideas Institute started while she was taking her grade eleven entrepreneurship class. This class opened up her eyes to the world around her and to integrative thinking. Mawiyah is excited to see what innovative solutions come out of gii this year.

CATHERINE HU is a grade eleven student at the University of Toronto Schools. She has a strong interest in the sciences, but beyond the theories and calculations she is particularly fascinated when they are brought into a social context. This combined with her interest in international development and her belief that everyone has the right to good health is what drew her to GII. Her activities include playing the cello, helping lead her school's neuroscience club, being an editor on her school's creative writing magazine, and volunteering at Women's College Hospital during the summer. She loves to read, write, play/listen to music, and learn something new every day. In the future she aims to go into the healthcare field with a possible specialization in child or global health, write a novel, and travel the world

BIANCA HUANG is a student at St. Clement's School.

SUBAH IMAMI is a student at Branksome Hall.

ANDREW IRWIN is a student at Upper Canada College. He is involved in a number of different activities and interests both in and outside of school. He competes on his school's debating and reach for the top teams and participates in the Horizons community service program. Andrew works as a ski

instructor and loves to watch TV and read. He is interested in geography, biology, and English, and has enjoyed being able to learn and problem solve while working on the Global Ideas Institute.

MALIHA ISLAM is a grade eleven student at Bloor Collegiate Institute. Her strong interests in mathematics and visual arts have led to her dream of becoming either an astrophysicist or an architect. She loves to paint or crochet in her spare time. She is also a self-employed henna artist. Maliha is involved in various school clubs and activities such as Breakfast Club, Social Justice, set design, the Student Ambassador program, and Charity through Crafts. Recently, she joined an organization called Arts for Children and Youth, which provides high quality arts education to children and youth living in underprivileged communities. Since she can enjoy herself and benefit others at the same time through the arts, she believes this is the ideal organization to be involved in. Maliha is also proud to be a part of this year's GII program as the topic of malnutrition in India is something very dear to her heart. She comes from Bangladesh, one of India's neighbouring countries, where this issue is also of huge concern. Maliha believes children, no matter where in the world, have a right to be healthy since they are the future leaders and our hope for tomorrow.

HAILEY JI is a student at Northview Heights Secondary School.

GRANT KAVANAGH is a student at Pickering College. He sails for team Ontario and loves to play rugby, tennis, and hockey. He has competed at internationals for debate and placed fifth in persuasive speaking at provincials. He has been to four continents and eighteen countries.

BRENNA KELLY is in grade eleven at St. Clement's School. She organizes Horizons which is a tutoring program between her school and an inner-city primary school. She enjoys volunteering at Holland Bloorview Kids Rehabilitation Centre, swimming, and all types of music. Brenna wishes to become a social worker when she is older.

KAILEY KIMSA is a student at the York School.

DIKSHA KUMAR is a student at North Toronto Collegiate Institute. Her extracurricular activities include playing the violin, field hockey, Model UN, debate, and NEAT (North Toronto Environmental Action Team). Academically, she has a great interest in biology, specially molecular genetics, and neuroscience. In the future, Diksha hopes to pursue research in the cellular and molecular biology of autism, and look into stem cell therapy. Before moving to Canada, she lived in India, Korea, and Japan. Her exposure to different cultures allows her to have an open mind and view situations from a broader perspective. Through GII, Diksha hopes to improve her problem-solving and teamwork skills, as well as her understanding of global issues

VICKY KUO is a grade twelve student at Thornlea Secondary School. She holds an Associate of the Royal Conservatory of Toronto (ARCT) diploma for Piano Performance with first class honours with distinction. Vicky has also studied as a scholarship student at the Young Artists' Performance Academy of the Royal Conservatory of Music. Outside of her passion for music, she has interests in writing, the sciences, and foreign languages. She is involved in the Biology Club and volunteers as a tutor in the Homework Club at school. Her participation in the Global Ideas Institute has broadened her perspective of the world and Vicky plans to use this experience as a stepping stone for future endeavours in science. Vicky aspires to contribute to the community in a positive way.

SAMMARTINO is a student at Upper Canada College. After spending ten days in a local community in Costa Rica, he became suddenly very interested in the world around him. Finding solutions to key problems has always been a challenge that

he's enjoyed.

ALISIA LALJI is a grade eleven student at the University of Toronto Schools. She was initially drawn to the Global Ideas Institute because she believes that every human being, no matter the race, gender, or

economic status, has the right to be educated and not to be malnourished. When Alisia gets older, she wants to travel to third world countries and volunteer with organizations there. Her love for volunteering stems from her various experiences volunteering at her school, hospitals, and her mosque. In addition to being interested in international affairs, Alisia also pursues her passion of resolving controversies in her community by being a coordinator of the Youth Issues Club at her school. In her spare time, Alisia enjoys listening to music, playing soccer, and cooking.

ZOE LAZAR-KURZ is an aspiring psychology professor. She is in grade twelve at North Toronto Collegiate Institute and hopes to be a BSc student at Dalhousie in the fall. 70e's other interests include listening to and creating music. She has played six different instruments and would like learn many more in the future. Zoe is also a flank on her school's rugby team. Her favourite thing to do is travel. Zoe's favourite destination so far has been the pristine Galapagos Islands. Next she hopes to spend a month backpacking through India or China. Zoe also loves cooking and of course eating. She is a proficient pierogi maker, as well as an amazing sushi eater. Zoe hopes her experiences at gil will lead to future opportunities to help make the world a better place for everyone living in it.

CECILIA LI came to the Global Ideas Institute as an entrepreneurship student. As a student at Havergal College, she is part of DECA Ontario and the marketing and sales team in the student-run Junior Achievement Company this year. She enjoys business studies and gii has provided her a vision of becoming a social entrepreneur in the future. Nevertheless, pursuing a career in the sciences has always been an interest to her as well. She is part of her school's physics, math, and environment club, and always finds working in labs fascinating. Apart from business and science, it is one of her dreams to intern in psychology or neuroscience after high school. In her free time she also plays sports. Last season, she was on the school's field hockey team and played left defense, and she is currently part of the winter curling team. These extracurricular activities help relieve the stress of school work and allow students to

meet different people. Similarly, she believes on has not only broadened her knowledge in the fields of business, science, and world issues, but the project has also brought like-minded peers with different backgrounds from across Toronto together to address malnutrition in India. She sincerely hopes that the group will finish off the year successfully by resolving this social issue.

LISA LI is a grade twelve student at Thornlea Secondary School. She is enthusiastic, innovative, and hard-working. She has great passion for music, especially singing, and also plays piano and guitar. She is the executive for Thornlea's Earth Club, Investment Club, and ESP. During her free time, she is actively involved in choir and also enjoys volunteering. She hopes to study business at university and become a successful business professional in the future.

DARBY LITTLE is a student at Lawrence Park Collegiate Institute. Darby grew up in the Lawrence Park community, and had a pleasant and sheltered childhood. However, in the past three years she has been on four international volunteer trips to India, Kenya, and Ghana that have completely changed her view of the world. She learned more about herself in these faraway places than she ever anticipated. As she built schools in communities that were devastated by poverty, Darby realized that what makes her truly happy is helping others. Because she has the privilege and ability to help others, she also has a responsibility to do so. Here in Canada, we have so much knowledge, technology and resources that could dramatic improve the lives of people in developing countries. Darby wishes to further her education so that she can learn and gain new skills that will one day help her on her mission to improve the world in some small way, and the research and learning opportunities at Global Ideas Institute have taught her a lot.

RYAN LONDON is in grade eleven at Bayview Glen School, where she has been a student for twelve years. She thoroughly enjoys being a participant in the GII, as she one day hopes to go to university to study international relations. She is very interested in the cultural differences of different peoples, and upon

finishing university, she hopes to travel the world. She has attended summer camp for eight years, and is excited to return as a counsellor for little girls this summer. She has played the piano for nine years and enjoys reading, listening to music, and camping, and is excited and grateful to present her school's ideas about malnutrition in India.

KATHERINE LORD is in the ıвı program at Branksome Hall. Her favourite subjects in school are biology and English, while her interests range from competitive swimming to cello. She has lived all over the world, and through her extensive travelling feels incredibly privileged to have had experiences leading her to have a passion for international relations and world issues. She loves learning about different cultures and understanding how the perspectives of different people influence the way they live their lives. The Global Ideas Institutes has been an excellent experience in which Katherine has found herself both challenged and intrigued as her school team avidly searches for a feasible solution to such an important issue as child malnutrition in India. She is very grateful to have this opportunity, and has been truly inspired listening to fascinating keynote speakers and working with some very talented students.

SOOMIN MAENG is a grade twelve student at Thornlea Secondary School. She has a passion for the sciences and music. She also likes reading books, listening to classical music, and watching old movies. She is an executive in the Biology Club and she has been a member of several school representative teams for contests. She plans to pursue undergraduate studies in science at university.

BRANDON MALAMIS is a student at Bayview Glen School. He is very interested in what goes on inside of the school and tries to help people as much as he can in order to clear any concerns or questions they may have. Brandon participates in various clubs in and out of school, including the student council, fundraising, and track and field. He aspires to go into the field of medicine so he can help people on a much higher scale and level.

MANSEEB MALEK is a student at the York School.

KIMBERLY MANABAT is a student at Lawrence Park Collegiate Institute. She is interested in what different countries in the world have and their different foods. Her extracurricular activities include youth group and altar serving. Her future aspiration is to become something in the culinary world, whether as a chef or the owner of her own restaurant.

MELISSA MARTEL is a student at Bloor Collegiate Institute.

EMMA MCINERNEY is a grade eleven student at the Bishop Strachan School. She loves to read and write, and you'll mostly likely find her curled up with a good book or poring over one of her many journals in her spare time. She's incredibly interested in world issues and the news of the day, is the head of Model UN at her school, and frequently participates in debate competitions. This summer she's really looking forward to working towards becoming a lifeguard, relaxing, and exploring the city. In the not too distant future, she plans to achieve a degree in history and international relations, and hopefully go on to work in research or as a journalist.

CHARLOTTE MINGAY is a student at Bayview Glen School.

DANIEL MITCHELL is from a land far, far away, also known as the great kingdom of the United Kingdom. It has its perks. Triple citizenship (Swiss, British, and Canadian) is pretty cool, very few people have it. Being British, it is only natural that he has a great interest in the sport known to Canadians as soccer. Daniel supports Manchester United thick and thin. He also enjoys playing other sports such as badminton, and e-sports such as League of Legends. Daniel likes to listen to alt-rock and other similar variations of rock. He also plays the piano and spends a lot of time making piano covers for songs he enjoys. He likes to read books, and has a keen interest in thrillers. The same goes for movies; thrillers are best and the best movie of the twenty-first century is Inception.

High School Participants – Students (continued)

GILLIAN MOIR is a student at Lawrence Park Collegiate Institute.

CAITLIN MURPHY is a student at St. Clement's School.

SANKAVI NAGULARAJAH is a grade eleven student attending the TOPS program at Bloor Collegiate Institute. Her interest in health science encouraged her to participate in the gij program. She is increasing her knowledge of how malnutrition can be reduced and thinking of different techniques to convey new ideas to people around the world. She contributes to a Social Justice club at Bloor, which does fundraising for organizations and raises awareness among students of important current issues. Her pursuit of knowledge about global issues inspires her to think creatively when approaching different situations. Sankavi's interest in visual arts motivated her to participate in set design for the upcoming school musical, Grease. She loves competing in team events and enjoys spending time with friends and family. Her ambition is to improve the wellbeing of children because they are the leaders of tomorrow

BELINDA NYAMRUNDA is an international student at Pickering College from Tanzania in East Africa. Throughout her life she has been lucky and blessed to be part of various activities. Belinda is active in both student and residence life at Pickering College. She is a student ambassador and enjoys meeting and having chats with people from all over the world. In residence Belinda is a Proctor and the chair of the Cultural Committee. Belinda is also part of Plan Youth's initiative "Because I am a Girl," where she is a member of the Speaker's Bureau. She likes this program as she meets girls her age from all over Canada who are passionate about girls' rights. This year Belinda was chosen to be part of the gil team and she highly enjoys it. Belinda also enjoys singing, dancing, travelling, and cooking. She is very enthusiastic about trying new things: this year she joined the basketball and swim teams for the first time. She is also part of the residence choir. In the future Belinda aspires to become a gynecologist in Tanzania, help improve maternal and child health care, and be an ambassador of human rights and gender equality.

ELIZABETH O'SULLIVAN is a student at North Toronto Collegiate Institute. She is pretty fantastic. If you have not yet met her you should seek her out as meeting new people is something she loves. She is interested in the sciences but is not sure exactly what she plans on doing with her life. Whatever it is, however, she will change the world.

ELI OTIS is a student at University of Toronto Schools, and is interested in philosophy and economics. GII has been a great experience so far, and has really changed the lens through which he views world issues.

DANIELLE PAL is a student at North Toronto Collegiate Institute. In search of getting a pet turtle, she purchased a bearded dragon. In search of learning more about her Jewish roots through the Holocaust, she became enthralled with Ukrainian history and learned about the Holodomor. She finds that one thing will always lead to another, and in order to be successful you have to trust where that will lead you. She plays the piano recreationally, is in love with tea, and finds the world a fascinating and complex place. Although her passion lies with international affairs, her love for the environment will always play a role in whatever she chooses to do. She plans on pursuing international studies in her post-secondary education, and hopes to work for the UN or an NGO that deals with preventing mass atrocities and violent crimes.

ANDREW PATEL is a grade eleven student at Upper Canada College completing the International Baccalaureate program. Andrew has been at ucc for nine years, and is interested in pursuing a career in the sciences. He volunteers at a hospital with rehabilitation patients and is extensively involved in the Horizons program, where he tutors inner-city students. Andrew is an avid traveller and is fortunate to have ventured across Europe and Asia with his family. Travelling has enabled him to view the world first-hand, which has broadened his appreciation of cultural differences. He is working on his Gold Duke of Edinburgh's Award, which he hopes to complete in 2014. Locally, Andrew is involved in the Right to Food movement, where he and his twin

have been raising hens in their backyard for three years. Andrew hopes to amend the current by-law prohibiting the keeping of chickens in Toronto, and has spoken at Toronto City Hall, the Art Gallery of Ontario, and his school in hopes of encouraging people to become involved in his worthwhile fight. Andrew is excited to be a part of the Global Ideas Institute and looks forward to presenting his ideas at the April symposium.

MATTHEW PATEL joined Upper Canada College in grade three and is currently in grade eleven. He is in the first year of completing his International Baccalaureate diploma. Matthew has always enjoyed the sciences and his interest has grown over the years. He is involved in many co-curricular aspects of school life with leadership roles in the Ambassador Program, the UCC Blues Band, and the Agricultural Club. He is an active member in the Wind Ensemble, the Horizons program, and the school yearbook, College Times. Matthew is also a regular volunteer at the Juravinski Hospital in Hamilton where he interacts with patients on the rehabilitation ward. He is striving to complete his Gold Duke of Edinburgh's Award. In his leisure time, Matthew is interested in fishing, including fly fishing and fly tying. Along with his twin brother, Matthew is involved in the urban agriculture movement, specifically challenging the City of Toronto bylaw prohibiting backyard hens. Matthew has had the opportunity to travel extensively around the world including visiting numerous countries in Europe, Asia, and the Middle East. This has provided him with many opportunities to learn about different cultures and view the world with an open mind.

XIMENA PEDROZA is a student at the York School.

BO PENG is a grade twelve student at Northview Heights Secondary School. He tacked on his first engineering project when he was seven years old. He won a contest for a paper airplane he built. He was fascinated by the project, so he built several prototypes to improve the design. Immediately, he gained a passion for engineering. Ten years later, he is still trying to perfect the design. However, he has now added

his knowledge of physics into the design. This lifelong project has inspired him to pursue engineering and to design something that benefits the lives of others. Bo is a motivated and hardworking student. When he isn't glued to a textbook, he spends his time embracing the beauty of life. He describes himself as the nicest and funniest person you'll ever meet. He is the president of Northview Heights's sage Club, which empowers high school students with leadership and hands-on training through real life business experience that will impact their school and their community. He can speak Mandarin, English, and French. In the future, he aspires to start his own company called BoPengExpress

GEGE RAN is a student at Branksome Hall. She is interested in so many different fields, but music and international development are definitely her passions. She has been playing the piano since she was eight years old, and recently passed the grade ten RCM exam. She is deeply inspired by music from all eras and all parts of the world. Her passion in music led her to explore string music in grade eight and inspired her to join the Branksome Symphony Orchestra as a violinist. Gege is the head of the ensemble, and hopes to bring their music to more people in the community. Apart from being a musician, she also enjoys learning about international development and how the world can be shaped into a better place for all people and all creatures with whom we share the resources. Her experience participating in MUN-ECOSOC discussions and Global Ideas Institute inspired her to be a part of the driving force in achieving equal, sustainable, and harmonized development around the world in the future

POURIA SAFFARAN is a grade eleven student at Northview Heights Secondary School. He joined the GII program to be able to make a small difference in the world by helping out his fellow students and teachers come up with a plan to eliminate malnutrition in India. He is interested in biology and physics and hopes to become an engineer. He also enjoys playing soccer and listening to music

EMMA SAMARZE is a grade eleven student at Havergal College. She is involved in many extracurricular activities at school including sports teams and student leadership positions. She has always been very active in the student environment at Havergal, and is a member of the student council that works to improve student life. In school, Spanish is one of her favourite subjects, along with physics and chemistry. Outside of school she likes camping, which has motivated her to be a part of the Outdoor Education course. Talking about future plans is hard since Emma has many different interests; but with her love for the outdoors, science, and Spanish, she is very interested in learning more about geology and business

DIVYA SANTHANAM is in grade eleven at the University of Toronto Schools. She loves to read, write, and play tennis. In school, her favourite subjects are English, biology, and history. Outside of school, she is a research student at the Hospital for Sick Children, a Deputy Prefect (yes, uts has a house system like Hogwarts), and a photographer on her school's yearbook team. She also plays on her school's varsity tennis team. In the future, Divya aspires to become a doctor, but also to be involved in the field of global health.

HUSSAIN SHAH is a student at Bloor Collegiate Institute. He is a pretty amazing person who excels at talking. He likes so many things making him a very diverse person. He is good at debating, and plays some sports. He hopes to lead Canada into its darkest finest hours as Prime Minister. Insert meme here: All your base are belong to us!

NICOLA SHAW is a grade twelve student attending Pickering College. She enjoys equestrian, swimming, and rock climbing, and loves adventures and travelling. Nicola is also a lover of reading, writing, and playing guitar. She doesn't know where her future will take her, but she's sure it will be somewhere great. To help her get there, she plans to work really hard, be very kind, and do things for other people, not just herself. She has a passion for helping those less fortunate than her, and so throughout her life, she is going to take every opportunity she gets to help others.

ALI SHOURIDEH is a sixteenyear-old student attending his third year at Pickering College in Newmarket. Born in Tehran, Iran, he moved to Canada at the age of four. At an early age, he was introduced to the water, which he fell in love with. He now enjoys competitive sailing as a result of this passion. From the sea to the sky, he also wants to acquire his pilot's license for small to medium aircraft. Competitive in tennis and skiing, Ali likes to live an active lifestyle, which is customary for those hoping to enter the field of health care. He hopes to attend Queen's University in the undergraduate medicine program. He has his academic concentration in mathematics and the sciences, for which he has won, both in school and nationally, multiple recognition awards for top marks and innovation. He aims to one day be a surgeon in Canada while possessing a summer home in sunny California. He also likes long walks on the beach and candlelit dinners.

CINDY SONG is a grade eleven student at Havergal College. She is an active member of her school community as she is part of the debate team, mock trials, Best Buddies, DECA, and Model UN. Outside of school, she volunteers with various organizations such as UNICEF Canada, the Canadian Cancer Society, and Sunnybrook Hospital. She has always been interested in public relations and international affairs. She has a passion for helping others and making the world a better place and hopes to be able to make an impact in her community someday. As for her interests, she enjoys singing, acting, drawing, tennis, and golf. Cindy is taking a business course this year and that is what led her to participate in GII. She is very interested in the issue this year and is very excited to be presenting with her group.

MEGAN SUE-CHUE-LAM is a student at Bayview Glen School.

ROSIE SUN is a grade eleven student at Branksome Hall. Her favourite subjects in school are math and biology. She is part of the school chamber choir as she is passionate about music. She practices the guitar and piano as a break during study time. She is

also part of the school peer support program, and she builds friendships with the new grade ten girls to settle them into the Branksome community. As an enthusiastic runner, she is a member of the school cross country and track and field teams. Running helps to refresh her every day and takes away a lot of stress. She loves reading autobiographies, fictional historical recounts, or crime-solving novels in her free time - a variety of topics excite her. She devotes the majority of her weekend to volunteering, as she believes in giving back to the community. She is a big fan of movies, especially adaptations of books to the screen. She is considering kinesiology or business as her university major.

MACLITE TESFAYE is a student at St. Clement's School.

JINNIE TRINH is a grade twelve student at Thornlea Secondary School. At school, she has a keen interest in physics, chemistry, and English. During her spare time, she enjoys reading, scrapbooking, and playing foosball. She also has an enthusiastic attitude towards learning new skills. Jinnie wishes to pursue an engineering degree after high school, because she hopes to improve current technologies and help protect the environment.

ARUNACHALA (RAMANA)

TRIVEDI is a grade eleven student at the University of Toronto Schools. His interests include the sciences (particularly natural sciences and medicine), social welfare, music, and business. He enjoys playing the violin and mridangam (Indian drum) and is a member of various orchestras. His research interests include genetics and the relationship between music and medicine. He has held or currently holds leadership positions in student government, music groups, and DECA. He has won many prizes in violin and speaking competitions and has stood in the top three ranks in business competitions at the regional, provincial, and international levels. Arunachala enjoys reading a variety of books and discussing current events. He is very interested in important humanitarian issues and supports a dog charity in India that aids stray animals. Arunachala plans on pursuing a career in medicine.

KITTY TSANG is a grade twelve student at Thornlea Secondary School. She is interested in accounting and wishes to pursue a career in business or medicine. She likes to eat, sleep, and read. Her dream is to become a polyglot and travel around the world

CHIRAG VASWANI is a student at Bayview Glen School. For him, education has always been about finding the balance between maintaining a strong academic status and being an active member of the community. He takes great pride in balancing academics, recreation, and community involvement. Chirag began Tae Kwon Do and learned the importance of dedication and discipline. He also enjoys playing the flute, and since grade ten has been a leader in his school's flute ensemble. His volunteer experience at a temple for senior care has also awakened him to countless possibilities for his future. Participating in the GII has opened his eyes to worldwide issues, and further fueled his drive to help those in need, whether through this program, science, or simply volunteering and giving back. Chirag feels that a combination of medicine with global affairs is crucial for our world's development, and has a strong drive to tackle the world's challenges. He is passionate and wants to give as much as he can of himself to improve the world. With his strong determination and passion he hopes to make his dreams come true.

ANGELINA VOROBIEVA is

a grade ten student at Havergal College. Her favourite subjects are business and math. She plans to continue studying in these areas in the future. She finds it very interesting to learn about global problems and to try find possible solutions. Outside of school, Angelina's interests include photography, reading, and tennis. Participating in the Global Ideas Institute has given her an opportunity to improve her problemsolving and communication skills. She is grateful to have been given the opportunity to be part of this program.

YUFENG (ARTHUR) WANG

has been in Canada for almost three years. Currently, he is a visa student at Northview Heights Secondary School. Through his high school studies, he is inclined towards math

High School Participants – Students (continued)

and science courses, especially physics. During his spare time, he enjoys reading, working out, and watching movies. Additionally, he has a strong interest in medicine and has completed a co-op program at Sunnybrook Hospital. He has always intended to gain more knowledge in science and medicine to connect theory and practice. Yufeng's passion for physics and medicine inspires him to purse a degree in biomedical engineering. He hopes to become a competent biomedical engineer to serve society and benefit other global citizens.

WENHAO (MICHELLE) YANG

is a grade eleven student at Branksome Hall. One of the most life-changing experiences she has had is attending the Shad Valley program at University of Saskatchewan. There she is able to collaborate with like-minded students on projects such as human-powered transportation, create ever-lasting friendships, and explore the one and only synchrotron lab in Canada. Because of the Shad Valley program, Michelle has been able to explore many additional opportunities. Inspired by a psychology workshop there, she is working on a project about the psychological effects of parenting with a graduate student at the University of Toronto. She is now considering psychology for her undergraduate studies. Aside from school and academics, Michelle enjoys playing music. Before entering high school, she completed grade ten piano and grade ten flute

at the Royal Conservatory of Music, and has since begun her journey exploring other instruments such as two traditional Chinese instruments called *Hulusi* and *Bawu*. In her free time, Michelle enjoys swimming, reading, practicing her instruments, and writing Chinese calligraphy. Having practiced Chinese calligraphy for almost ten years, Michelle furthered her studying by conducting her personal project (IB component) on the topic of Chinese calligraphy.

LUCY YU is a grade twelve student at the Bishop Strachan School, and her passions range from American history to gaming to designing. She's the Communications Prefect, which, in a nutshell, involves leading a group of twelve girls in planning events and initiatives surrounding technology at BSS. In her free time, she's also involved with the Spotlight Charity Film Festival, which is a platform for which students can showcase their work, something that she thinks Toronto needs more of (check it out!). She'll take what life will throw at her, but for now, she looks forward to studying architecture in the US next year, hopefully with some economics, international relations, and computer science mixed in

ANDY ZHANG is a grade eleven student in the TOPS program at Bloor Collegiate Institute. He loves to learn about the lives of people around the world and eat multicultural foods. Andy is also

a talented singer with a love of listening to the radio. He is the grade eleven leader of his school's Social Justice Club. He helps organize fundraisers for local and international organizations and runs awareness campaigns to enlighten the minds of students at Bloor about social justice issues in the school, community, and around the world. Currently, he doesn't really know what he's going to pursue in the future. However, he does wish to one day travel the world and experience its wonders.

CLAIRE ZHANG is in the tenth grade at Havergal College. She is intrigued by all the subjects she learns. She constantly faces new challenges with an open and determined mindset. Claire has many hobbies including sculpting, skating, writing, and travelling. She is an active member of Junior Achievement, Model UN, and many sports teams. Although she is not a science "geek," she greatly appreciates the potential that science holds, but also believes that human interactions are extremely powerful forces. Claire is planning to pursue a post-secondary education in business; she hopes to develop a career as a risk officer or entrepreneur. Claire would describe herself as an incomplete mosaic. There is much more that she should learn about herself, and the only way to do so is through experience. Every source of knowledge she acquires and every one of her experiences is equivalent to a tile on the mosaic.

When these individual tiles are arranged together, they will complete the masterpiece. Claire strives to become this masterpiece, although she knows that there is a myriad of knowledge to be learned and that her mosaic will never be entirely complete.

KHANSHAIYM ZHAUKEN

is a student in grade eleven at the Bishop Strachan School. This is her first year in Canada. She's from Almaty, which is the largest city in Kazakhstan. She has a brother who is two years younger than her and a sister who is only two years old. She considers herself to be a well-rounded person, because she finished art, musical schools, she's into sports (currently she's on the school archery team, and this summer she plans to learn how to ride a horse), and she loves math and physics, but her real passion is financing. Khanshaiym's life credo is "you yourself, as much as anybody in the entire universe, deserve your love and affection," by Buddha. She thinks it is unfair that people all over the world have unequal starting points, which is mainly why she wanted to participate in the Global Ideas Institute - to feel like she is making a difference and trying to help to solve this problem.

"The Global Ideas Institute has taught me strategies to tackle such complex and diverse world issues as malnutrition and poverty, and in doing so has empowered me. I feel like I can really make a difference in the world."

-KATHERINE LORD, BRANKSOME HALL



High School Participants Teachers

NANDITA BAJAJ is a teacher of physics and math at Northview Heights Secondary School, where she has taught for the past five years. She is also the coordinator of the school's Honours Math, Science, and Technology program, a specialty program that offers an accelerated curriculum to students in these subject areas (www.northviewhmst.com). With a strong background and work experience in engineering, she is passionate about inspiring students to pursue careers in science, technology, and engineering. Her past experience volunteering with Engineers Without Borders opened up her eyes to the potential of technology as a means to address global issues. The Global Ideas Institute is the perfect forum to further explore this marriage of technology and social action. This is her third year with the gii and she is very grateful for this amazing opportunity, both for herself and for her students.

KIMBERLY BARTLETT has an HBA from McGill University in political science and history and a BEd and MEd from the University of Toronto. Her graduate degree was focused on curriculum, teaching, and learning. She has also earned her Principal's Qualifications. Ms. Bartlett is the curriculum coordinator for kindergarten to grade twelve and Head of Social Sciences at Pickering College. She teaches politics and history in the Senior School. She also serves as teacher advisor for PC's Amnesty Intern-ational Club and the Youth Action Organization. Separate from her duties at Pickering College, Ms. Bartlett is an instructor at the University of Toronto, teaching additional qualification courses in history and social sciences at OISE. She is also interested in educational publishing and has been a textbook reviewer and contributor on several projects In her spare time, she likes to read and travel. In 2011, Ms. Bartlett was honoured to be a finalist for the Governor General's Award for Excellence in Teaching Canadian History. This is the fourth year she has had the pleasure of working with the Pickering College GII team. She would like to thank all of the organizers and the University of Toronto for inspiring her students to tackle global issues.

TOBY BROWN is a teacher at Bayview Glen School.

CHRIS CARSWELL is a business, history, and geography teacher at Havergal College. He is currently in his second year of teaching, and first year of teaching the Enterprising Person course. He has found it invigourating and inspiring to help his students discover the many potentially great ideas that they have the ability to uncover and shape. He is looking forward to seeing his six students from Havergal continue to grow as a result of GII.

DJ CHURCH has been teaching in the social sciences for about ten years, in Canada and overseas. He has lived, worked, or travelled in about sixty countries, and back in 2006 he left Switzerland, where he had been working, for a threeand-a-half-year backpacking trip around the world, mostly in less economically developed countries and regions. He was very lucky to have many incredible experiences and see many of the challenges the world faces first hand. This drove him to return to the classroom where he tries to bring a focus on global citizenship and social justice issues to all of his classes. This is his first year participating in the Global Ideas Institute. He currently teaches international politics and human geography at the grade twelve level, Canadian history at the grade ten level, and grade nine geography at Bayview Glen School.

MIKE FARLEY has been teaching middle and high school geography and social studies for thirteen years in the Toronto District School Board and currently teaches at University of Toronto Schools. This is his third year participating in the Global Ideas Institute. Having completed an undergraduate degree in international development studies, he has greatly enjoyed delving into the complex issues raised in GII with his students. He is continually amazed and inspired by the enthusiasm and depth of all of the student participants. He would like to thank all of the GII staff and presenters for their hard work in making this program such a success. Mike is a frequent presenter at conferences in Canada and the US on the topic of using "social impact" computer games in geography and social studies classes. For more information go to www.changegamer.ca.

MEGAN GARDNER ROSS has been teaching ів Diploma geography at The York School for ten years. She has worked in curriculum development for the International Baccalaureate and has acted as an examiner of diploma candidates from across the globe. Megan strongly believes that the study of world issues should not be limited to the examination of problems, but should inspire students to take risks in proposing innovative solutions to the challenges posed by our complex world. This is her first year participating in the Global Ideas Institute, and she is inspired by the meaningful and authentic challenges the students will be tackling.

"One of my favourite lessons from GII has been that inventiveness is using existing knowledge to create new solutions. GII to a large extent has enabled me to improve my integrative thinking skills and taught me how to solve a problem from many different perspectives. Most of all, it is so exciting as a youth to be able to address a global issue like child malnutrition in India."

-BELINDA NYAMRUNDA, PICKERING COLLEGE

MARGARET GREENBERG is a teacher at Bloor Collegiate Institute.

DENISE HARTFORD teaches economics and entrepreneurship at Havergal College. She enjoys supporting her students as they explore the complexities of realworld challenges and move towards creative solutions. Denise has been school lead with the Global Ideas Institute since its inception four years ago.

HEATHER HENRICKS is a teacher at University of Toronto Schools.

PETER HILL is a teacher at St. Clement's School.

JOANNE HOGAN is a geography teacher at Upper Canada College who loves listening to the GII lectures. She is passionate about international development issues and working towards local and sustainable solutions. She loves to travel and spent eight years living abroad where she had the opportunity to travel to almost forty countries.

COLLEEN KETCHUM is a teacher at Branksome Hall.

OKSANA JAJECZNYK is currently teaching chemistry and theory of knowledge and is the Science Department Head at Branksome Hall School. She has been involved in various curriculum and assessment areas with the IB for thirteen years and taught in a number of schools in the UK before her move to Canada twelve years ago. She strives to create an environment where students can connect what they learn in the classroom to their own personal lives and to benefit

global society as a whole. Hence, she is excited to be involved with the GII for the second time with a group of highly engaged students to work on challenging global issues.

JANE MARSHALL is a teacher at Branksome Hall. She has found it to be an invigourating, creative challenge to serve as Branksome's faculty advisor to the Global Ideas Institute since its inception. The projects for Aravind Eve Care, Reinventing the Toilet, Sprinkles, and Child Malnutrition in India have inspired students to see through the eyes of another's experience with the aspiration to find an authentically useful means to extend basic necessities of life. The innovative thinking that is characteristic of the Munk School and its Rotman partner demonstrates to young students that well-considered risk often provides new approaches to solving old problems.

ANDREW MCCONNELL is a teacher at Thornlea Secondary School.

DR. DAVID MIZENER is a member of the Social Science Department at St. Clement's School in Toronto. In this capacity, he teaches a variety of subjects, including geography and history. In particular, in his teaching practice he endeavours to encourage the intellectual curiosity of his students, and to foster in them the ability to critically engage with ideas and issues from various perspectives. Moreover, he is increasingly making use of digital tools to foster greater collaboration, but also to enhance and support student learning. This is his fourth year serving as staff supervisor to the St. Clement's

MARINA MORO is a geography and history teacher at Lawrence Park Collegiate Institute in the Toronto District School Board. She enjoys teaching about current world issues and bringing global perspectives into her classroom. Marina is very excited for her students to participate in the enriching experience that the Global Ideas Institute offers.

LAURA MUSTARD currently teaches AP economics, economics, and international business at the Bishop Strachan School. She has also taught law and computer studies both at her current school and at public schools in Pickering and Brampton. This is Laura's first year with students at the Global Ideas Institute and she's looking forward to a rewarding and inspiring opportunity for her students.

LORENZO NICOLET is a teacher at North Toronto Collegiate Institute.

AMY PARADINE is the Director of Academic Programs at University of Toronto Schools (UTS). She received her Bachelor of Commerce from Queen's University and her BEd and MEd from the University of Toronto. Prior to her current position, she began her education career as a computer science teacher for the North York and Toronto District School Boards, and added mathematics teaching to her roster upon joining the staff at uts. Finding ways to engage students in learning has been a driving factor in Amy's career along with investigating and supporting the innovative use of technology in education. This is Amy's third year of involvement with the Global Ideas Institute.

JENNIFER PIETRANGELO

is a middle school and senior school teacher at the Bishop Strachan School. For the past two years she has been working as the Learning Resource Specialist, and in February she began instructing world issues. Her background is in political science and international relations at the University of Toronto.

PAUL STEPHENSON is a teacher at Thornlea Secondary School.

MARSHALL WEBB has been teaching English at ucc since 1975 after earning degrees at Middlebury College and U of T, both in history and Russian. Once he started teaching English, he worked on his ма at Middlebury. In addition to enjoying the lectures for this GII, he also coordinates ucc's monthly news magazine Covergence and a couple of other smaller in-house student publications. In his other life, he is married, loves to travel, and has developed a passion for contemporary art. He is also trying to figure out how to adapt teaching English in the internet generation.

KAREN WOLFE is a teacher of creative writing (Ewc 4U) and former teacher of global education (IDC 4U) at North Toronto Collegiate Institute.

"GII has been a fantastic way to explore and work on a real world issue in a way that feels meaningful. I have met so many amazing people with unique perspectives that I would never have gotten to meet otherwise. It is a once-in-a-lifetime opportunity."

-ELIZABETH O'SULLIVAN, NORTH TORONTO COLLEGIATE INSTITUTE

Expert Speaker Series

NOVEMBER 12, 2013

Redesigning the Stove

Yu-Ling Cheng

Director of the Centre for Global Engineering (CGEN); Professor of Chemical Engineering, University of Toronto

DECEMBER 4, 2013

Operating Effective Social Enterprises

Norm Tasevski

Co-founder and Partner at Purpose Capital; Instructor, Social Entrepreneurship

JANUARY 8, 2014

Child Nutrition

Stanley Zlotkin

Chief of Global Child Health at the Hospital for Sick Children, Professor of Nutritional Sciences and Paediatrics

JANUARY 22, 2014

Integrative Thinking

Ellie Avishai

Director of the Integrative Thinking Initiative at the Rotman School of Management, University of Toronto FEBRUARY 11, 2014

Poverty and the State

Joseph Wong

Ralph and Roz Halbert Professor of Innovation; Canada Research Chair in Democratization, Health and Development in the Department of Political Science; Director of the Asian Institute at the Munk School of Global Affairs, University of Toronto

MARCH 4, 2014

Nudging and Encouraging Behavioural Change

Dilip Soman

Professor in Communications Strategy at the Rotman School of Management, Director of the India Innovation Institute at Rotman and the Munk School of Global Affairs, University of Toronto Over the past several months, the Global Ideas Institute speaker series organized by the Asian Institute at the Munk School of Global Affairs has brought together leading professionals and academics to talk about their experiences in addressing complex problems. These high-profile experts have provided extraordinary insights and imparted their world-class knowledge to high school and U of T students, inspiring them to think creatively about the challenge of child malnutrition in India. What are appropriate technologies? How can effective social enterprise be operated? How can local health interventions be scaled up? How can integrative thinking be applied to real world problems? How can fiscal invisibility perpetuate poverty? How can nudging be used to encourage behavioural change? We are very pleased to have Professor Yu-Ling Cheng, Director of the Centre for Global Engineering, Norm Tasevski, Co-Founder and Partner at Purpose Capital, and Instructor of Social Entrepreneurship, Dr. Stanley Zlotkin, Chief of Global Child Health at the Hospital for Sick Children; Ellie Avishai, Director of the Centre for Integrative Thinking at U of T's Rotman School of Management; Joseph Wong, Halbert Professor of Innovation Policy and Director of the Asian Institute at the Munk School of Global Affairs: and Dilip Soman, Professor of Communications Strategy at the Rotman School of Management. This incredible lineup has inspired, challenged, and encouraged students to think globally, to share ideas, and to understand the importance of informed advocacy. Their efforts are very much reflected in today's symposium about addressing child malnutrition in India.



Redesigning the Stove

NOVEMBER 12, 2013



Yu-Ling Cheng

Director of the Centre for Global Engineering (CGEN); Professor of Chemical Engineering, University of Toronto

Yu-Ling Cheng is a Professor of Chemical Engineering and Applied Chemistry and Director of the Centre for Global Engineering (CGEN) at the University of Toronto. She served as Chair of Engineering Science from 2000 to 2005. In addition, she co-developed the Biomedical Option, one of the first undergraduate biomedical engineering programs in the world. She served as Acting Chair of the Department of Chemical Engineering & Applied Chemistry in 2006 and was elected Speaker of Faculty Council in 2007. In 2008, she chaired the Dean's Task Force on Globalization. This past year, she was recognized by the University of Toronto with a Distinguished Professor Award. Established in 2009, this award is designed to advance and recognize individuals with highly distinguished accomplishments. Yu-Ling will hold the title of Distinguished Professor in Global Engineering for a five-year term effective July 1, 2013.

Currently, she is leading a team of engineers in a project to reinvent the Western-style toilet to provide people in developing nations with affordable sanitation that doesn't rely on running water, sewer systems, or electricity. This effort is part of the Reinvent the Toilet Challenge, funded by the Bill & Melinda Gates Foundation. Professor Cheng's team was the only Canadian group selected for this project. They garnered third place for their innovative design during Phase 1 of the challenge and recently received funding to further develop their prototype.

Operating Effective Social Enterprises

DECEMBER 4, 2013



Norm Tasevski

Co-founder and Partner at Purpose Capital; Instructor, Social Entrepreneurship

Norm Tasevski is a co-founder and partner with Purpose Capital, and leads the firm's business development efforts. Norm has spent his career working with and for impactminded for-profit, non-profit, and government organizations. Prior to Purpose Capital, Norm was a Social Entrepreneurin-Residence with the Social Innovation Generation (SiG) program at MaRS, where he advised a portfolio of approximately thirty innovation-minded social organizations in topics ranging from business model refinement to investment readiness. As a management consultant with Aperio, Norm managed a portfolio of social enterprises, advising each from idea generation to initial market entry and capital acquisition. Norm's career began as a policy advisor with the province of Ontario, leading multiple social policy portfolios involving social assistance, social housing, immigrant sponsorship, accessibility services, and youth services. Norm left government as a senior policy advisor to join EVIDENCE, a social enterprise consulting firm of First Work. There, Norm helped build the consulting practice and managed over a dozen client projects. He then moved to become Managing Director with York Consulting Group where he led the business development effort and oversaw a team of up to twelve consultants.

Norm holds an MBA from the Schulich Business School, where he now teaches social entrepreneurship and impact investing at both the MBA and BBA levels. Norm also teaches social entrepreneurship to MEng students out of the Faculty of Applied Science and Engineering at the University of Toronto, and frequently guest lectures at other schools such as the University of Waterloo, Ryerson University, and Queen's University. He currently volunteers with two organizations. As Chairman of the Board of the Schizophrenia Society of Ontario, he leverages his entrepreneurial background as the organization pursues the development of its own social enterprise. Norm is also a partner with Social Venture Partners Toronto, an organization that focuses on non-profit capacity building and growing the community of philanthropists in Toronto.

Child Nutrition

JANUARY 8, 2014



Stanley Zlotkin

Chief of Global Child Health at the Hospital for Sick Children, Professor of Nutritional Sciences and Paediatrics

Stanley Zlotkin is the Chief of Global Child Health at the Hospital for Sick Children, Senior Scientist with Child Health Evaluative Sciences, and a Professor of Nutritional Sciences and Paediatrics at the University of Toronto. In his program, the Sprinkles Global Health Initiative, Dr. Zlotkin has focused on research and advocacy to control micronutrient malnutrition in children. It is estimated that as many as 750 million children in developing countries suffer from micronutrient malnutrition. Challenged by UNICEF to come up with a viable and reproducible solution to the problem of micronutrient malnutrition, Dr. Zlotkin and his research team developed the concept of micronutrient powders for "home-fortification" of complementary foods.

Dr. Zlotkin is past Chair of the Canadian Paediatric Society Nutrition Committee and is a frequent consultant to governments and UN agencies on issues related to global child health nutrition. His advocacy work was recognized by CIHR in 2006 with the prestigious National Knowledge Translation Award for "outstanding contributions to the health of children worldwide." He was awarded the H.J. Heinz Humanitarian Award in 2001 for his international contribution to the health of children globally. In 2007, he was awarded the Order of Canada, the highest civilian honour in Canada, for his contributions to improving the lives of children globally. He is known internationally as a successful social entrepreneur for his work on home fortification and was awarded an International Ashoka Fellowship in 2007.

Today, Dr. Zlotkin continues to head the Sprinkles Global Health Initiative at the Hospital for Sick Children and is an active researcher with well over 100 peer-reviewed publications. Dr. Zlotkin was appointed as Vice-President Medical and Academic Affairs at SickKids in 2010 and in September 2012 he was named as the inaugural Chief of the SickKids Centre for Global Child Health.

Integrative Thinking

JANUARY 22, 2014



Ellie Avishai

Director of the Integrative Thinking Initiative at the Rotman School of Management, University of Toronto

Ellie Avishai is the Founder and Director of I-Think, a unique initiative at the University of Toronto's Rotman School of Management. I-Think adapts Rotman's pioneering integrative thinking curriculum, which aims to engender self-reflective thinking and creative problem-solving in MBA students, to the world of elementary and secondary education.

In the span of four years, I-Think has grown from a single pilot program to a key initiative at over a dozen schools in Toronto and a partner of the Toronto District School Board. I-Think has drawn considerable media attention from news-papers such as the Globe and Mail, the Toronto Star and the Financial Times of London. It was recently listed as one of the "50 Reasons to Love Toronto" in Toronto Life magazine.

Prior to her work at Rotman, Ellie taught in both public schools and education-focused NGOS. Working for three years within the Toronto District School Board, she developed new curricula for Special Education, as well as coordinated and taught within two Special Education departments. Her decade of experience in the not-for-profit sector included directing the volunteer program for Peace by PEACE Toronto and serving on its Board of Directors as Secretary and Strategic Planning Chair. Ellie also worked in project management, public relations, and recruitment for the national youth service learning program Katimavik. She worked as a strategy consultant with the NeXus consulting group, which aims to further the sustainability of non-profits through the application of social enterprise business models. Ellie teaches in the Rotman School of Management's Executive Education and Commerce programs. She was a 2005 recipient of the Bealight Fellowship for Social Entrepreneurs.

Poverty and the State

FEBRUARY 11, 2014



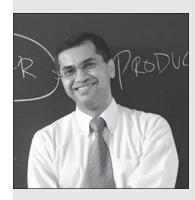
Joseph Wong

Ralph and Roz Halbert Professor of Innovation; Canada Research Chair in Democratization, Health and Development in the Department of Political Science; Director of the Asian Institute at the Munk School of Global Affairs, University of Toronto

Joseph Wong is the Ralph and Roz Halbert Professor of Innovation at the Munk School of Global Affairs, Professor of Political Science, and Canada Research Chair in Democratization, Health and Development. He is also the Director of the Asian Institute at the Munk School, Wong is the author of many academic articles and several books, including Healthy Democracies: Welfare Politics in Taiwan and South Korea and Betting on Biotech: Innovation and the Limits of the Asian Developmental State, both published by Cornell University Press. He recently co-edited with Dilip Soman and Janice Stein Innovating for the Global South with the University of Toronto Press. Professor Wong has been a visiting scholar at major institutions in the US (Harvard), Taiwan, Korea, and the UK (Oxford); has worked extensively with the World Bank and the UN; and has advised governments on matters of public policy in Asia, Africa, the Americas and Europe. Wong's current research focuses on poverty and social policy innovation. Wong was educated at McGill and the University of Wisconsin-Madison.

Nudging and Encouraging Behavioural Change

MARCH 4, 2014

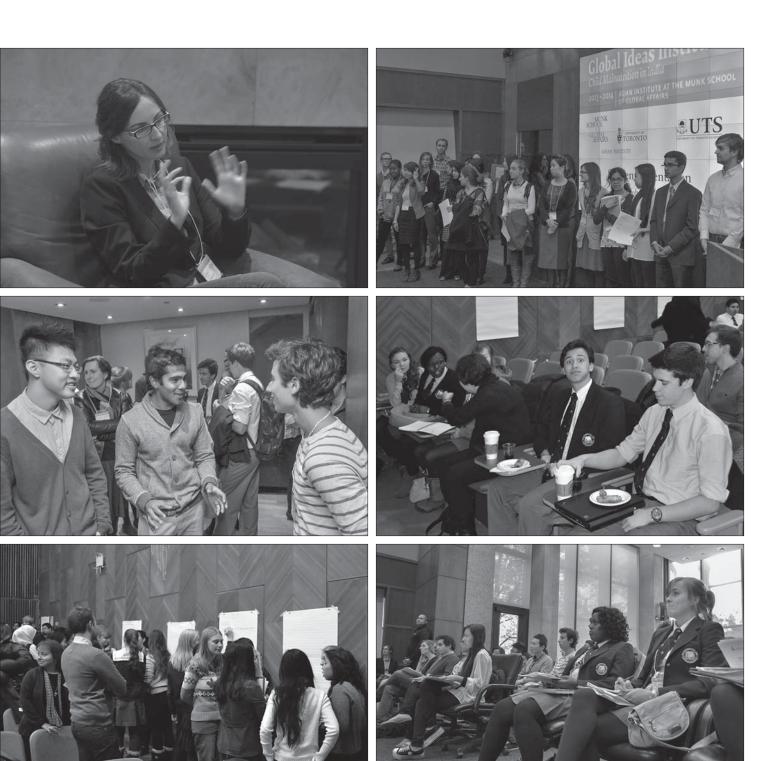


Dilip Soman

Professor in Communications Strategy at the Rotman School of Management, Director of the India Innovation Institute at Rotman and the Munk School of Global Affairs, University of Toronto

Dilip Soman is a professor of marketing and holds the Corus Chair in Communications Strategy. His research is in the area of behavioural economics and its applications to consumer wellbeing, marketing, and policy. He is also the director of the India Innovation Institute and Co-Director of the Executive Center for Excellence in Social CRM. He works with ideas42 and serves as advisor to a number of welfare organizations. He has taught at Hong Kong University of Science and Technology, University of Colorado at Boulder, Indian School of Business, University of Chicago, and National University of Singapore.

Dilip's current research focuses on "helping people help themselves" using insights from mental accounting and the psychology of time. In this work, he used informational (e.g., financial literacy), facilitative (e.g., budgeting tools, communication devices like mobile phones and the internet) and behavioural (e.g., self-control guidelines) interventions to help people achieve financial sufficiency. This research is being done in Canada, India, China, and Thailand, and is partially funded by grants from the Social Sciences and Humanities Research Council of Canada, the Desautels Centre, and the AIC Institute at the Rotman School. He also does similar research in the area of health behaviours, energy conservation, garbage and recycling, and time management.



"Participating in Global Ideas Institute, your understanding of the structures of the world and how everything is held together is constantly put to the test. So far, it's been an absolutely thrilling journey trying to untangle the world from these incredibly complex problems and hopefully managing to stick it all back together again."

-EMMA MCINERNEY, BISHOP STRACHAN SCHOOL

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We were unable to include everyone who has contributed to the 2013/14 Global Ideas Institute when this went to press. A special thank you to those of you whose names were regretfully omitted.

Thank you

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