

THE

# ROOT

THE UTS ALUMNI MAGAZINE • SPRING 2015



## Global Health Roundtable

Gordon Perkin '53, David Morley '73, Timothy Evans '78, Meredith Hawkins '84, and Felicia Knaul '84 discuss the challenges and opportunities in global health today.

FOCUS ON PHOTOS • TAKING ON TRANSIT • ANNUAL ALUMNI DINNER AND AWARDS

# Mark Your Calendars

## Arts and Music Night

### MONDAY, MAY 1, 2015

5:00 p.m.: Art Exhibition Opening Reception

6:00 p.m.: Senior Music Night

### WEDNESDAY, MAY 6, 2015

5:00 p.m.: Art Exhibition Closing Reception

6:00 p.m.: Junior Music Night

### TUESDAY, MAY 12, 2015

## Screening of "Herman's House"

7:00 p.m. in UTS auditorium.

A Q&A with Emmy-winning producer Lisa Valencia-Svensson '86 will follow.

Register at [www.utschools.ca/rsvp](http://www.utschools.ca/rsvp)

### WEDNESDAY, JUNE 17, 2015

## Alumni Golf Tournament

St. Andrew's Valley Golf Course

Register at [www.utschools.ca/rsvp](http://www.utschools.ca/rsvp)

### SATURDAY, OCTOBER 24, 2015

## UTS Open House

10:00 a.m. – 2:00 p.m. All alumni are welcome to drop by for a tour!

## UTSAA AGM

1:30 p.m. Room 135

## Annual Alumni Dinner and Awards

Anniversary Year Celebrations: 1935, 1940, 1945, 1950, 1955, 1960, 1965, 1970, 1975, 1980, 1985, 1990, 1995, 2000, 2005, 2010

All years are welcome! The H. J. Crawford Award will be presented, and UTS Hall of Fame inductees will be honoured. Why not begin your festivities earlier and visit the UTS Open House?

5:30 p.m. Reception; 6:30 p.m. Awards Ceremony & Dinner.

[www.utschools.ca/rsvp](http://www.utschools.ca/rsvp), or email [alumni@utschools.ca](mailto:alumni@utschools.ca), or call 416-978-3919.

### TUESDAY, NOVEMBER 10, 2015

## Remembrance Day Service

10:15 a.m. Reception; 10:45 a.m. Service

Alumni and alumni veterans are invited to join students and staff for the Annual Remembrance Day Ceremony followed by a luncheon hosted by Principal Rosemary Evans.

RSVP: [alumni@utschools.ca](mailto:alumni@utschools.ca) or 416-978-3919

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**On the cover:** Felicia Knaul '84 and Meredith Hawkins '84

**Above:** Catherine Vlasov '15 takes on transit (see page 3)

**Cover Photography:** Johan Hallberg-Campbell

**Our thanks to this issue's contributors:** Martha Drake, Rosemary Evans, Jim Fleck '49, Carrie Flood, Anand Mahadevan, Mark Opashinov '88, Tim Sellers '78, Diana Shepherd '80, Sue Thompson, Catherine Vlasov '15, John Wilkinson '78, Sam Wu '03, and Carole Zamroutian.

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**Additional image credits:**

Page 11 (Global Health): © iStockphoto.com/Aslan Alphan  
Page 17 (Focus on Photos): © iStockphoto.com/blackred  
Page 32 (Looking Back): © iStockphoto.com/Peter Zelei

**Design:** PageWave Graphics Inc.

Printed in Canada by Colour Systems Inc.



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Photo courtesy Toronto Star

## Global Health: Challenges and Opportunities

In late January, The Root hosted a virtual roundtable moderated by David Morley '73. The subject was global health, and Gordon Perkin '53, Timothy Evans '78, Meredith Hawkins '84, and Felicia Knaul '84 – leaders in the field – shared their experiences and insights . . . . . 11

## Focus on Photos

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Published Spring and Fall, *The Root* is available to all alumni, parents and friends of UTS. Contact us at the above addresses to receive a copy or to change your address.

The issue is also available at: [www.utschools.ca/root](http://www.utschools.ca/root) and [www.issuu.com/utschools](http://www.issuu.com/utschools)

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# Bits & Pieces

A COMPENDIUM OF NOTEWORTHY UTS TIDBITS

## UTS Students Making their Mark in Health Sciences

Grade 12 student **Michael Liu** was recently named one of *Post City Magazine's* "Toronto's Top 20 under 20" for his research into HIV, Alzheimer's, and brain trauma. When UTS Department of Science Coordinator and Fulbright Fellow **Anand Mahadevan** interviewed him for *The Root*, Michael pointed out that, "part of growing up is realizing that UTS is a small school in a big world."

Over the past couple of years, Michael has used that insight as motivation to explore scientific endeavours beyond the labs at UTS – endeavours that have the potential to make significant impacts on some key global health issues. Likewise, friend and fellow student **Bill Jia** – Michael's some-time research partner – has also become involved in boundary-pushing academic-level investigation in the area of health sciences.

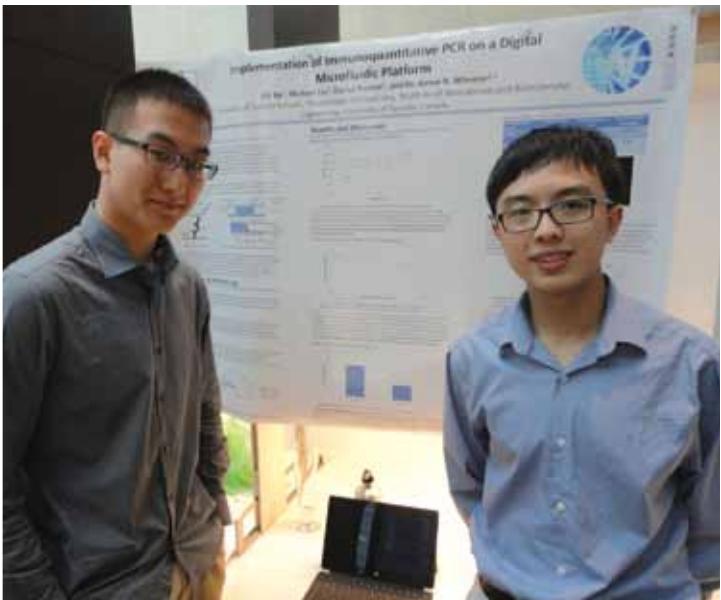
Michael says he "really found a passion for neuroscience after hearing about the Brain Bee": a competition for

high school students in which he was the 2014 national top scorer. Michael and Bill worked together on a project for the 2014 Sanofi BioGENEius Challenge in which they examined diagnostic methods for detecting HIV molecules using a chip with IQPCR reaction. The system has the potential to be used with other molecules too – cancer, for example. They came fourth nationally in the contest, but when the demands of other school-work caught up with them, they handed over the project to graduate students for further development. Still, both boys continued to cast around for other opportunities.

Bill is engaged at the University of Toronto in the Laboratory of Integrative Biology and Microengineered Technology, supervised by Professor Edmond Young. With postdoctoral fellow Dr. Alwin Wan, Bill is working on a microfluidic device that has the potential to become a low-cost rapid test to detect tuberculosis from sputum samples, and also to assess TB's resistance to drugs commonly

used to treat it. "We are collaborating with Professor David Beebe at the University of Wisconsin and Dr. Angkana Chaiprasert at Siriraj Hospital/Mahidol University in Bangkok," he says. "We hope to eventually conduct field tests in Thailand, as developing countries in southeast Asia are having increasingly serious problems with multi-drug-resistant tuberculosis and often do not have the resources to perform fast and accurate diagnoses."

Michael says that a stint volunteering in the ICU at St Michael's hospital, working with patients near death, gave him a new perspective. After one of the doctors took a particular interest in him, Michael was charged with screening trauma victims in order to track data about prognosis and outcome. He is currently working at the Shoichet Lab at the Terrence Donnelly Centre for Cellular and Biomolecular Research at UofT, where he is researching alternate methods of drug delivery to the brain to treat stroke. Directed by Dr. Molly Shoichet – a polymer



LEFT: A focused and intent Michael Liu during the Brain Bee competition; RIGHT: Michael and Bill Jia present their work at the Sanofi BioGENEius Challenge.

scientist and engineer and recipient of a 2015 L'Oréal-UNESCO for Women In Science Award – the lab approaches “unsolved problems in medicine by creating a series of design criteria”, which they then use to formulate solutions. “Conventional treatments are ineffective because you have to inject the drug [systemically] over and over again,” he says, whereas a new approach – using hydrogel – allows for direct injection into the brain. Michael has spent time researching Alzheimer’s at Sunnybrook Hospital, looking at ways to upregulate micro-RNAs to prevent the formation of plaque in the brain. He has also had the opportunity to engage in data intake related to organ transplantation at Toronto General Hospital.

In just a few months, the world will expand even further for these two students: Michael will head off to Harvard to study Neurobiology and Global Health and Health Policy, and Bill – one of only three Canadian recipients of a Blyth Cambridge Commonwealth Trust scholarship – will make his way to Cambridge University to study engineering.

The boys are just two of the many outstanding graduating students at UTS whose achievements are being recognized by the wider community in Canada and beyond. Anand observes that as these students “prepare to leave UTS for universities near and far, they are realizing that the most valuable part of their UTS experience is their own transformations – through their diverse attempts to engage with the world – into confident young men and women.” ■

*—Thanks to Anand Mahadevan  
for his contributions to this article.*

## A Youth Voice at the Transit Table

By Catherine Vlasov '15

Jane Jacobs, a renowned urbanist and activist, once said, “Cities have the capability of providing something for everybody, only because, and only when, they are created by everybody.” This is the idea behind Maximum City, a program created by UTS teacher



Catherine Vlasov (front and centre) and UTS friends during a “What would you do for 32?” event at UTS.

**Josh Fullan** aimed at getting high-school students interested in topics like urban design, architecture, and city-building.

One of the presenters at Maximum City in July 2012 was Dave Meslin, a prominent Toronto civic activist who is currently leading the ranked ballot reform. During his presentation about civic engagement, he brought up CivicAction, an organization that brings together civic leaders from all sectors to actively address issues such as youth unemployment and corporate energy sustainability. This is when I learned about CivicAction’s Regional Transportation Champions Council, a council put together to raise awareness of the need for greater investment in transportation in the GTHA.

It had no youth representation, and a transportation council without youth would not accurately reflect the GTHA’s transit users. I sent a letter to CivicAction’s CEO Mitzie Hunter, explaining that youth have a significant stake in the present and future of our city, and that working together with young people is essential to understand the needs of Toronto’s future generations. I offered to bridge the significant communication gap between the council and the youth who commute in the GTHA, including the majority of UTS students. A few phone calls and emails later, I was the only high-school student on the council.

With a highly receptive audience of young commuters, I had no problem getting the conversation going through the events I organized to promote CivicAction’s “What would you do with 32?” campaign. I led a week of 32-minute activities at UTS – including volunteering, exercising, and sleeping – and I organized an event where students and staff shared their reasons for supporting investment in transit and signed the CivicAction pledge. In collaboration with Metrolinx, I hosted a Youth Transportation Roundtable to get students from UTS and nearby schools thinking about the need for a better system and to highlight ways for them to get involved in the planning process. I also made a presentation at a Peel Student Presidents’ Council meeting and reached out to all the student trustees in the GTHA to encourage them to spread the word about the campaign through social media. Since I joined the council, I have also been in charge of the CivicAction Youth Facebook and Twitter accounts, and I speak at conferences and participate in interviews.

The opportunity to sit at the same table as former CivicAction Chair and current Toronto Mayor **John Tory '72** as well as CEOs, former mayors, and university presidents does not come very often. I am so grateful to be where I am today, as I have learned so much about my city,

the critical city-building discussions that happen behind closed doors, and the power of civic engagement.

When an opportunity presents itself, take it. When you cannot find an opportunity, create one. Make your voice heard because you never know where it might take you. ■

## UTS Reigns at SHAD Valley

By Sue Thompson, UTS Guidance Counsellor

Each year, SHAD Valley – a not-for-profit based in Waterloo, ON – provides the opportunity for 600+ students to attend a month-long residential summer program at one of 12 Canadian host universities. The program focuses on developing entrepreneurial skills and interest in STEM (Science, Technology, Engineering, and Math) subjects. For the past 35 years, SHAD has been at the forefront of providing students with an engaging, challenging, once-in-a-lifetime opportunity to work with other exceptional students in an experiential learning environment like no other.

The SHAD Entrepreneurship Cup is an important and highly-valued component of the program in which students work in teams to engineer, design, and create solutions to significant problems besetting Canada and the world at large: obesity, environmental issues, and aging populations, for example. According to SHAD, “the unique startup venture

simulation provided by the competition sets a trajectory of innovation for many SHAD attendees. Close to 20% of SHAD alumni have launched at least one startup, with 60% of alumni startups focused on Information and Communications Technology (ICT), digital media, clean technology, life sciences and engineering. With 85% of SHADS living and working in Canada, the program is demonstrably fueling an innovation culture in Canada.”

Since SHAD began, 282 UTS students have taken part in the program. In the past five years alone, an astonishing 79 UTS students have attended SHAD campuses across the country – from Memorial University in Newfoundland to UBC in Vancouver. Their stories reinforce what an extraordinary opportunity the SHAD Valley program presents.

S6 (Grade 12) student **Jia Jia Ho** attended SHAD in 2013. “Inventing an economically and scientifically viable product in one month with a team of peers I’d never met before was a challenge, to say the least,” she says. “The program was a whirlwind of intellectual and personal discovery: a rewarding experience I enjoyed with students (now close friends) from across the country, with whom I continue to keep in touch.”

2011 participant (and former UTS co-captain) **Emma Clarke ’12** also treasures the personal connections she made. The best part, she says, “was

meeting like-minded, enthusiastic people. I found it a similar atmosphere to UTS: the people who apply are committed to learning.” She has remained in contact with many SHAD friends and even roomed with one during her first year at Dalhousie University.

Current school co-captain **Clement Cheng** says that his time at SHAD was “the most challenging yet rewarding month I have experienced.” The program “challenged me to my core, taught me invaluable lessons, and created lasting friendships.” Clement was the recipient of two SHAD awards: the Dr. Hank Williams Award for Leadership at his SHAD campus (Memorial), and the national Dave Black Award for Excellence in Innovation and Entrepreneurship for “outstanding leadership, an impressive aptitude for entrepreneurship, profound teamwork, displaying greatness, and leaving a lasting imprint on fellow SHADS.”

SHAD Valley is just one of many exciting and valuable summer opportunities available to UTS students. Its unique combination of academic learning, entrepreneurial challenge, and teamwork make it particularly special. We hope that, in the coming years, many more UTS students will have the opportunity to experience what Clement describes as “a profound impact on my personal outlook and intellectual development.” ■



**Jia Jia Ho**, third from left, with fellow SHAD participants who are “now close friends, from across the country, with whom I continue to keep in touch.”

# UTSAA Innovations

It's time to evaluate the clutter, jettison the old, and make room for the new.

As I write this, the ground is still snow-covered and the temperature is well below zero, but the days are getting longer and there's an undeniable feeling that – after a long and very cold winter – the annual thaw will soon be upon us. By the time you read this, spring will be in full swing. I note this because, for me, spring is time to evaluate the clutter, jettison the old and the no-longer-working, and make room for the new. Your alumni association has been doing just that of late.

Acknowledging the incredible diversity of our alumni – they span decades of graduation years, are at every stage of life, in every conceivable line of work, and are dispersed around the world – UTSAA has recently been staging very varied events to appeal to all kinds of alumni. Be it restaurant outings, museum or art gallery evenings, debates, movie nights, or the more traditional sports tourneys, we have been eschewing a one-size-fits-all approach in favour of programming events of interest to different groups of alumni.

We also made two important changes last fall with respect to the UTS Open House/Annual Dinner weekend. First, since many alumni return to Toronto for the Annual Dinner, we moved the UTSAA's Annual General Meeting from its traditional May date to the same day as the Open House/Dinner to encourage more alumni to attend the AGM. As a result, we did see a few more alumni attending the 2014 AGM, but would like to see even more this year. Please do come this October 24th – all alumni are

members of UTSAA, and the AGM is normally the only time you can exercise your franchise as a member and elect the Association's directors. Second, we hosted the first-ever young alumni cocktail reception as part of the 2014 Annual Alumni Dinner. Recognizing that the dinner can be cost-prohibitive for our youngest graduates, many of whom are still university students, we invited those who graduated no more than nine years before to attend the cocktail reception only at a substantially-reduced ticket price. That experiment was a smashing success: we sold every ticket offered on this basis. It's an innovation we plan on repeating in 2015.

**Acknowledging the incredible diversity of our alumni, UTSAA has recently been staging very varied events to appeal to all kinds of alumni.**

And more "new" is coming: a re-invigorated Year Reps program and a top-to-bottom evaluation of the Association's approach to communications – including the magazine you're holding – with a view to making all our communications as timely, relevant, and meaningful as possible are both in the works. I would love to hear your ideas for other innovations we should be considering; please drop me a line at [mark.opashinov@utschools.ca](mailto:mark.opashinov@utschools.ca) with your thoughts. ■



**Mark Opashinov, '88  
President, UTSAA**

# Inquiry at UTS

Our culture of inquiry gives future alumni the tools and vision to transform our world.



**Rosemary Evans**  
**Principal, UTS**

Since its founding in 1910, UTS has been a centre of inquiry. As a model school for the province dedicated to training secondary-school teachers, the original teachers were recognized experts in their disciplines and in teaching and learning. They wrote textbooks, developed curricula, and experimented with new pedagogy. They engaged in inquiry, and their students readily embraced the learning challenges presented to them by their UTS educators.

In an inquiry classroom, rather than simply covering the curriculum, students are encouraged to ask thoughtful questions as a precursor to further learning. They generate hypotheses and gather evidence to evaluate resources and to assess different models; they synthesize findings and present their new ideas. Today's UTS teachers continue to use inquiry approaches and many are innovators in this domain. In an information age when new knowledge is increasing at exponential rates, graduating students must see themselves as active contributors to knowledge, capable of innovating and applying advances to diverse contexts. Two examples will illustrate the centrality of inquiry at UTS and our emerging role, once again, as a model school.

**In an information age, when new knowledge is increasing at exponential rates, graduating students must see themselves as active contributors to knowledge, capable of innovating and applying advances to diverse contexts.**

We have opted to experiment with new pedagogy in our summer programs, prior to integrating these innovations into the school

curriculum. Over the past two summers, UTS has co-hosted Bright Lights in the Lab with the Firefly Foundation, a charitable organization that "funds research and develops programs with a mission to prolong brain health". Under the leadership of UTS Department Coordinator for Science, **Anand Mahadevan**, UTS developed and delivered an inquiry-based science program that engaged summer students from grades six to 12 in designing and conducting their own experiments. The students' work was academically rigorous, involving literature reviews, error analyses, the writing of scientific papers, and presentation of findings to experts. To ensure that the work was grounded in the most current research, the project was supervised by neuroscientist Professor Zhong-Ping Feng from the University of Toronto's Physiology Department. In partnership with the Firefly Foundation, we are considering how to scale-up this program for use both within UTS – where our teachers regularly ask students to design their own experiments – and by science teachers internationally.

Professor James Slotta, Canada Research Chair at OISE, has been conducting research at UTS for almost ten years, co-designing his investigations with UTS teachers. This spring, Jim received the support of the Provost and the Dean of OISE to create a MOOC (Massive Open Online Course) entitled "Technology for Inquiry". This MOOC will feature UTS teachers, students, and administrators providing authentic examples of this powerful pedagogy in action.

In the cover story of this issue of *The Root*, you will read about the impact UTS alumni are having in the field of global health. Here at UTS, we are working to ensure that the culture of inquiry continues so that UTS alumni of the future will have the tools and vision necessary to develop new knowledge with the potential to transform our world. ■

# The Arts at UTS

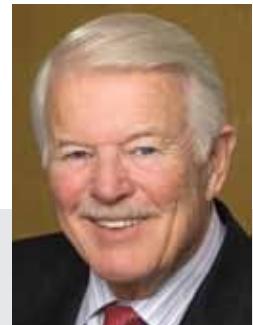
Many UTS students value and stay involved with the arts throughout their lives.

Throughout my life, the arts have played a central role. One of the pleasures I discovered in renewing my relationship with UTS and joining the Board of Directors three years ago was the school's strength in the arts. Music, visual arts, drama, film, dance – I am constantly impressed by the exceptional work of UTS students and teachers. It was illuminating to learn how many UTS students continue to study at least one arts subject through to graduation. In addition, I suspect that many of our students, like me, value and stay involved with the arts throughout their lives.

Nocturne 2015 provided an opportunity for the entire UTS community to witness a truly stunning performance given by our outstanding young musicians – some of whom already are making a name for themselves on the international stage. The S6 (grade 12) music class organized a diverse and extraordinary program. How fitting that a performance by alumnus **Conrad Chow '99** concluded the concert. Conrad has performed in many of the world's great music halls in North America, Europe, and Asia, and we were delighted to welcome him back.

UTS arts teachers are truly exceptional. In music, our staff includes composers and performers, and former members of the Toronto Symphony and the Boss Brass. They have conducted research and have worked with leading academics. Most importantly, they are remarkable teachers who are capable of

nurturing and supporting students to develop as musicians and to take artistic risks. Our visual arts staff members are practicing artists; they work closely with students to help them understand and master the design process and encourage students to explore a wide range of media. Each fall, they facilitate student planning of a Nuit Blanche installation at the school. In the realm of drama, our students take on the annual challenge of creating SHOW – an evening of entertainment entirely produced, directed, and choreographed by students. And I am looking forward to attending *The Importance of Being Earnest*, the UTS senior play for 2015.



**Jim Fleck '49**  
**Board Chair, UTS**

Jamie Day Fleck

**Our visual arts staff work closely with students to help them understand and master the design process and encourage students to explore a wide range of media.**

The UTS Board of Directors is currently working with the University of Toronto to finalize the plans for a renewed and expanded UTS building at 371 Bloor St. West and the arts are, of course, central to our plans. We are hoping to be able to include a new auditorium encompassing up to 700 seats and a smaller "black box theatre", not to mention two music classrooms, two visual arts studios and a drama classroom. Imagine the possibilities! ■

## UTS for Life

For graduates, the connection to UTS lasts a lifetime.



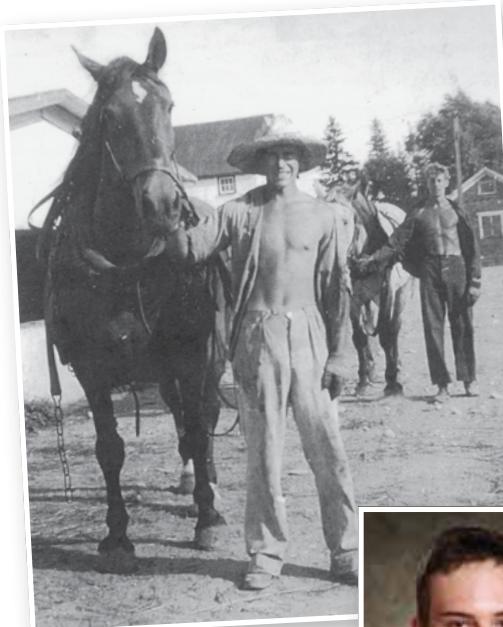
**Martha Drake**  
**Executive Director,**  
**Advancement**

"What's UTS like?" **Daniel Lovsted '14** posed this question in his valedictory address at this year's UTS graduation ceremony. Responding to his own question, he went on: "It's meaningful. It shaped me. It's going to be with me for the rest of my life."

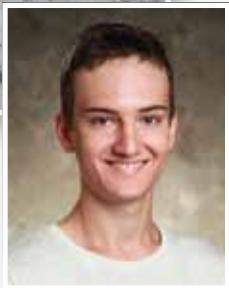
I'm compelled to share this snippet from Daniel's address because it so aptly captures the message that alumni consistently share with us. As you're reading this, I hope that you're nodding your head in agreement and thinking about your own UTS story. Of course, Daniel has no evidence that his final statement is true – aside from his gut, which tells him that UTS will still be in his very fibre 60 years down the road.

As I listened to Daniel's words, I thought about a UTS alumnus with whom Principal Rosemary

Evans and I had visited the previous week in Calgary. **Kenneth Radcliffe '44** graduated from UTS at the young age of 17. Although he lives three provinces over, he remains in close contact with the school. It was Ken who nominated his classmate **Derek Bate** for the H. J. Crawford Award, and it is Ken who is our best pen-pal – sending us beautifully-written letters sharing his UTS stories and lifelong connections.



**ABOVE:** Ken Radcliffe  
working for the Youth  
Farm Service Force.  
**RIGHT:** Daniel Lovsted '14



During our visit, Ken told us that he arrived at UTS having attained proficiency in public speaking at his elementary school, and so "with evidence of brains", he decided to focus on his brawn. He did this by joining the UTS wrestling team and by working as a labourer for the Youth Farm Service Force during the summers.

After graduating from UTS, Ken's first attempt at joining the Navy was foiled: they were not accepting new recruits. He followed the Navy's advice, took a year of engineering in university, applied again, and finally became a Navy man; he says his role there was to "mother the sea cadets on Georgian Bay in a pleasure yacht from Toronto's Royal Canadian Yacht Club". His family moved to Montreal where he met and married Lois, the "prettiest and smartest girl". Ken completed his engineering degree at McGill University and joined General Electric Canada. One of his first and most significant jobs took him to Hiroshima immediately following WWII to attempt to restore electricity to the nuclear-bombed city. During his GE career, he and his family traveled across the country – including to Alberta, where he lives today.

At the age of 88, Ken's focus has become local. He runs an "adopt a grandparent" program for special-needs youth, meeting weekly to help them with their literacy skills. When illness keeps his protégés away, he stays in touch via Skype.

Aside from the sheer joy of meeting our pen-pal, the main reason for our visit was to thank Ken for a recent generous donation that he had made to UTS. When I asked Ken what motivated him to support UTS, he replied, "UTS shaped me and it has been with me throughout my entire life." ■

## Roundtable Participants

**DAVID MORLEY '73** is the president and CEO of UNICEF Canada. He served as president and CEO of Save the Children Canada (2005–2011), and executive director of the Médecins Sans Frontières/Doctors without Borders Canada (1998–2005).

**DR. GORDON PERKIN '53** co-founded Program for Appropriate Technology in Health (PATH) in 1977 and served as president from 1980 to 1999. He was the first director of the global-health program at the Bill & Melinda Gates Foundation, where he was a Senior Fellow from 1995 until his retirement in 2005.

**DR. TIMOTHY EVANS '78** is the senior director of Health Nutrition and Population Global Practice for the World Bank. He is the former assistant director general with responsibility for Evidence, Information, Research and Policy at the World Health Organization (WHO), where he oversaw the production of the annual World Health Report.

**DR. MEREDITH HAWKINS '84** is a professor of Endocrinology at the Albert Einstein College of Medicine in New York. She is also the Harold and Muriel Block Chair in Medicine, and the founder and director of the Global Diabetes Institute.

**DR. FELICIA KNAUL '84** is an associate professor at Harvard Medical School and director of the Harvard Global Equity Initiative. She is also the founding president of the Tómate lo a Pecho, a senior economist at the Mexican Health Foundation, and chairs the Lancet Commission on Global Access to Pain Control and Palliative Care.



# Global Health

## Challenges and Opportunities

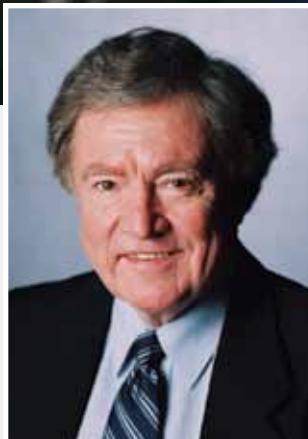
In late January, *The Root* hosted a virtual roundtable moderated by **David Morley '73**. The subject was global health, and **Gordon Perkin '53, Timothy Evans '78, Meredith Hawkins '84**, and **Felicia Knaul '84** – all leaders in the field – shared their experiences and insights.

Edited by Diana Shepherd '80

**DAVID MORLEY:** Today, we're pleased to have a panel of distinguished experts who are going to be discussing major issues in global health – including private-sector involvement, patents and the cost of drugs, vaccination, and innovations in the field. At UNICEF Canada, we have seen a child survival revolution over the past 25 years. Still, almost six million children die every year, and too many women still die in childbirth. I believe the biggest challenge we face today is how to help the most marginalized individuals and the families caught in war survive and thrive. I'd like to begin by asking what everyone thinks are the major global health challenges – both now and in the future?



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ABOVE: World Bank Group Senior Director for Health, Nutrition and Population Global Practice Tim Evans on a recent visit to Monrovia, Liberia.  
INSET: Gord Perkin.

**GORD PERKIN:** TB and malaria are still two of the big ones that need to be brought under control. The Gates Foundation has invested substantially in both the development of the new TB vaccine and malaria treatment and diagnosis, which are important for the time being. However, as life expectancy around the world increases, we're going to see that non-communicable diseases (NCDs) are going to increase in importance and deserve and need increasing attention. NCDs would include things like diabetes and cardiovascular disease.

**TIMOTHY EVANS:** There are three sets of issues that really define global health. The first is the issue of our collective security; in the Ebola crisis, we've seen that our global health is dependent on every country being able to not only identify and respond to epidemics, but also be part of a broader system to preserve our global security in health. The second challenge is solidarity: the belief that a child born anywhere has to have the same chances of survival. Unfortunately, we're still a long way from that goal. The third challenge is how to make security and solidarity a reality – which raises a whole set of systems questions. What do we need to do to finance this? How do we make sure we have the right sorts of human resources and global mechanisms to support the security and solidarity agendas?

**FELICIA KNAUL:** There are a series of challenges in global health. We've been working on the idea of a diagonal approach: identifying interventions that allow us to deal vertically with disease-specific crises and challenges, and also horizontally to strengthen health systems. I could tell you the greatest challenge is Ebola; I could tell you it's cancer; I could tell you it's NCDs – the truth is that the greatest challenge is the combination of all of them. Communicable and non-communicable diseases as well as chronic illnesses strike both poor and rich. Health systems around the world can provide episodic care, but they are not designed to cope with the chronicity of illness – including pain control and palliative care. Also, people can survive one disease and then get another: for example, many people with HIV-AIDS will live long enough to get cancer, diabetes, and other diseases.

**MEREDITH HAWKINS:** Diabetes is a global epidemic. In the West, we have been studying how excess fats and sugars activate biochemical pathways that can lead to insulin resistance and diabetes. In the developing world, however, we are encountering something very different: very lean people with diabetes. The first assumption was that they had Type I diabetes, but some limited literature coming out of India suggested that there was such a thing as malnutrition diabetes. We formed a partnership with Christian

Medical College in south India, and for the past six years, we've been conducting very involved research to explain how malnourished people could develop a disease similar to what we see in the West in over-nourished people. It seems that nutrient imbalance at both ends of the spectrum is causing resistance to insulin and ultimately diabetes.

**DAVID:** Is diabetes worse among the world's poorest countries, or is it also a big problem in the first world?

**MEREDITH:** Diabetes is a very difficult disease to manage; even in the first world with all of our resources, we're always struggling to manage people's diabetes better. But what we see in the developing world is absolutely devastating in terms of complications: people getting amputations or kidney failure, for example. In one hospital in northern Uganda, they're following about 7,000 people with diabetes, and they're performing about four amputations a day. Those people's lives are going to be seriously curtailed because they won't be able to get prostheses. Another issue is that most of the literature and textbooks are written in the West, so if a doctor practicing in Uganda has access to a textbook, it'll be a Western textbook that won't have anything about this type of diabetes. If malnutrition diabetes makes it into Western literature, doctors in the developing world will finally be able to read about it.

**DAVID:** Last year, Ebola was making front-page news for months, and that's what most people think of when they hear the words "global health". How many cases of malnutrition diabetes would typically be seen as compared to Ebola or HIV-AIDS?

**MEREDITH:** Globally, diabetes is ten times more prevalent than HIV-AIDS. According to recent estimates, about 350 million people in the world have diabetes. To put that in perspective, we were concerned when the number of cases of Ebola reached 1,000. In North America, people shrug their shoulders about diabetes; it doesn't sound as ominous as cancer, and it's not as frightening as Ebola. In the developing world, diabetes is a death sentence: if someone in Sub-Saharan Africa is told that they require insulin, they will have a life expectancy of less than a year. We're trying to get people to care enough to want

to prevent diabetes, and get global funders to care enough to want to put money into it.

**DAVID:** We hear more and more about the importance of the private sector making a difference. Gord, can you talk about market failure in global health?

**GORD:** I can give you a good example. Meningitis A affects people living in Sub-Saharan Africa. Each year, an epidemic would break out just like a brush fire in California, killing about 25,000 a year. The big problems were fear of not knowing where it was going to strike next, and the fact that the people who needed the vaccine or the drugs to treat the disease couldn't afford it. It was a market failure in that those who most needed the product couldn't afford it – and consequently, the companies that could have manufactured the vaccine didn't because they knew they couldn't sell it. Gates Foundation, PATH, and WHO funding led to the development, production, and availability of a Meningitis A vaccine in less than five years. It has been a remarkable success: more than 220 million people have now been vaccinated. They also created an advance purchase agreement in which the donors agreed to purchase a minimum number of doses for a pre-set price: in this case, 50 million doses of the vaccine at 50 cents a dose, which made the whole project feasible.



World Bank supplies are delivered to Sierra Leone during the recent Ebola crisis.



**TOP:** Meredith Hawkins during a visit to Uganda in 2009 where she encountered many children with malnutrition that would put them at risk for diabetes.  
**BOTTOM:** On a home visit to a patient with diabetes.

**DAVID:** Another issue is whether this kind of vaccine would be public domain or protected by patents. Do you see patent protection playing a role in global health?

**GORD:** It's very unlikely that patents are going to play an important role. When I was at PATH, we licensed a number of technologies to private-sector companies, and never more than a fraction of 1% of our annual budget ever came back in terms of royalties. So it's not as important as some people make it out to be.

**DAVID:** Tim, what's your view of what's going on in the world of vaccination and the anti-vaccination movement?

**TIM:** It's very worrying, because vaccines are perhaps the most cost-effective investment that we have in the health sector. The benefits are so stacked in favour of individuals and society as

a whole that giving disproportionate attention to very, very rare side effects is missing the big picture. It underlines the critical importance of never taking for granted that the population understands the benefits of prevention – which is difficult to sell because people don't get sick if a vaccine works. If they've never experienced the illness, then they don't really understand the benefit of that vaccine.

**DAVID:** Is there anything specific we can do to swing the pendulum back – and perhaps convince the anti-vaxers to start thinking vaccines are a good idea?

**TIM:** We should flash pictures of the implications of having lower vaccination rates: show pictures of the families who have lost children due to vaccine-preventable diseases. If people had some sense of just how tragic and common the consequences of not being appropriately vaccinated were, they'd be much more sensible with respect to vaccinating their children.

**DAVID:** In your work, Felicia, you've talked about the "divides"; what do you mean by this?

**FELICIA:** If you're born in a low-income country, you're much more likely to die than if the same disease or injury happens to you in a high-income country. One of the most poignant examples is acute lymphoblastic leukemia in children. A child who is diagnosed with acute lymphoblastic leukemia today in Canada has a 90% chance of survival. If that same child were born in one of the 25 poorest countries of the world, it is the inverse: they have only a 10% probability of survival. Yet most of the drugs that are required to combat this disease are cheap and treatment can be managed with appropriate medical support and hygiene.

Another major global divide is access to pain control. In my 30-odd years analyzing data, I've never seen such an inequitable distribution of access as we have seen in the case of opioids. Most people in the world suffer and die in tremendous pain that could be avoided with access to drugs that cost a few cents. In the case of opioids, it's almost entirely a political problem. There are draconian restrictions on the ability to produce or access morphine designed to prevent illicit use, as well as both global restrictions and archaic domestic legislation that stops physicians from being able to prescribe these drugs. I'll give you an example from Mexico,

where we're really trying to turn this on its head. A physician who prescribes morphine not only has to have a pad printed by a machine that's only available in certain parts of the country, but they also have to provide their home address. No physician wants to give their home address on an opioid prescription in the context of the kind of drug wars that we're seeing in Mexico.

**DAVID:** The issue of the cost of the drugs is one that we have to address in Canada as well. The question is: how far do you go in a publicly-funded system? But it's interesting to see how it's been working in Mexico, where the situation is much better than it was a decade ago.

**FELICIA:** It's hugely better. But we're also victims of our own success: a well-performing health system is always striving to attain higher levels of population health with greater equity. As people live longer, they'll need more care over the life course. Health is an unending set of needs.

**DAVID:** Tim, what impact do you think good birth and death registration will have on global health?

**TIM:** Identity is fundamental to justice and entitlement. If your birth is not recorded, then you really don't exist: you're invisible to the

system and the society in which you're born. This is a massive problem in many countries where children's identity isn't registered until they go to school – if they go to school – usually at age five. We should be making sure that every baby is registered within 24 hours of birth; we can do this by simply giving the birth attendant an electronic device that's linked to registries and that can provide a unique identifier to the baby. Similarly, with child deaths, if we don't know where the deaths are and what they're from, then it's difficult to know how to improve the system to prevent those deaths. The traditional methods that we've relied on – household surveys – are insufficient, so we really have to move to universal registration and births and deaths of children.

**DAVID:** I'd like to thank our roundtable participants for making time in their busy schedules to discuss this important topic. Even though the idea of global health is relatively new, it's addressing issues that go back thousands of years. As the foundation for all the United Nations' Sustainable Development Goals, we have to make sure global health continues to be central to the global development agenda in the years ahead. ■

**Even though the idea of global health is relatively new, it's addressing issues that go back thousands of years.**



**Felicia Knaul (centre) at the new comprehensive treatment unit in Cuernavaca Morelos, Mexico.**



▲ 1ST PLACE: PAUL WRIGHT '70

▼ 2ND PLACE: CALUM TSANG '95



# Focus on Photos

The UTS photography competition received more than 40 submissions from alumni, former staff, and current parents and students.



▲ 3RD PLACE: DOUG SARJEANT '76

"Technically brilliant incorporating expert composition and design principles," is how the judges described the winning image in the inaugural UTS photography competition. The picture, by **Paul Wright '70**, grabbed top honours out of the more than 40 submissions received from alumni, former staff, and current parents and students. The contest judges – **Laura Money '81**, UTS history teacher **Reg Hawes**, and M4 (grade 10) student **Jerry Yang** – had the pleasure of hunkering down one September evening to peruse and assess the entries.

"The viewer could feel the intensity in the dogs," continued the judges' comments on Paul's image. "The photograph's depth of field captured the two dogs in the foreground with perfect sharpness; the blurred image of the trailing dog evoked dramatic impressions of motion and speed."

**Calum Tsang '95** was awarded second prize. The judges noted that "the placement of focal points in the image was apt, creating a strong composition." They were impressed by how the use of colour contributed to the power of the photograph and how the photo "invited the viewer to interpret the action unfolding in the scene." Similarly, "the framing and colour composition drew the viewer into the photograph" created by third prize-winner **Doug Sarjeant '76**. Judges noted how the "use of objects, posture and facial expression created an intriguing subject and scene that invited speculation about the story behind the photograph."

The top-three photos and three honourable mentions were displayed at the 2014 Annual Alumni Dinner as well as in the UTS Keys Gallery. Now, you can judge – and enjoy – for yourself! ■



▲ HONOURABLE MENTION:  
GEETU PATHAK,  
CURRENT PARENT



▲ HONOURABLE MENTION:  
JESSICA ZUNG '12



► HONOURABLE MENTION:  
MAGGIE FEI, S5/GRADE  
11 STUDENT

# DINNER OF CHAMPIONS!

Annual Alumni Dinner Honours a Nobel Laureate and two Champion Hockey Teams

Some 300 alumni from near and far reunited at the Marriott Bloor Yorkville on October 25 to enjoy one another's company and to celebrate UTS at the 2014 Annual Alumni Dinner and Awards.

2001 Nobel Laureate **Michael Spence '62** was presented with the 2014 H. J. Crawford Award by **Don Borthwick '54**. Mike was cited for his significant contributions to UTS as well as the multi-faceted and global economic accomplishments achieved and explored in his academic and business careers. "It's a combination of appreciation and very good luck that I became part of the UTS community," Mike said. "I intend to stay involved no matter where in the world I happen to have landed."

The 1953 and 1954 hockey teams – celebrating their 61st and 60th anniversaries, respectively, as Senior Hockey Champions in the Toronto District Interscholastic Athletic Association – were inducted into the UTS Hall of Fame. **Jeff Kennedy**, UTS Director of Athletics, invited team players, family members, and coach **Bruce "Nails" MacLean** to the stage. **Don Borthwick** introduced those present, and **Bob Labbett '53** and **Al Fleming '54** spoke on behalf of the players.

UTSAA President **Mark Opashinov '88** was at the helm all evening, and Principal **Rosemary Evans**, UTS Board Chair **Jim Fleck '49**, and school co-captains, **Clement Cheng '15** and **Divya Santhanam '15**, also addressed the gathering. In addition, Dinner Chair, **Sharon Au '08**, and Dinner Committee member, **Jennifer Suess '94**, welcomed four recently-retired teachers to the alumni fold: **Carole Bernicchia-Freeman**, **Eugene DiSante**, **Claudio Engli**, and **Ana Maria Pereira-Castillo**, representing more than 90 years of combined commitment to UTS.

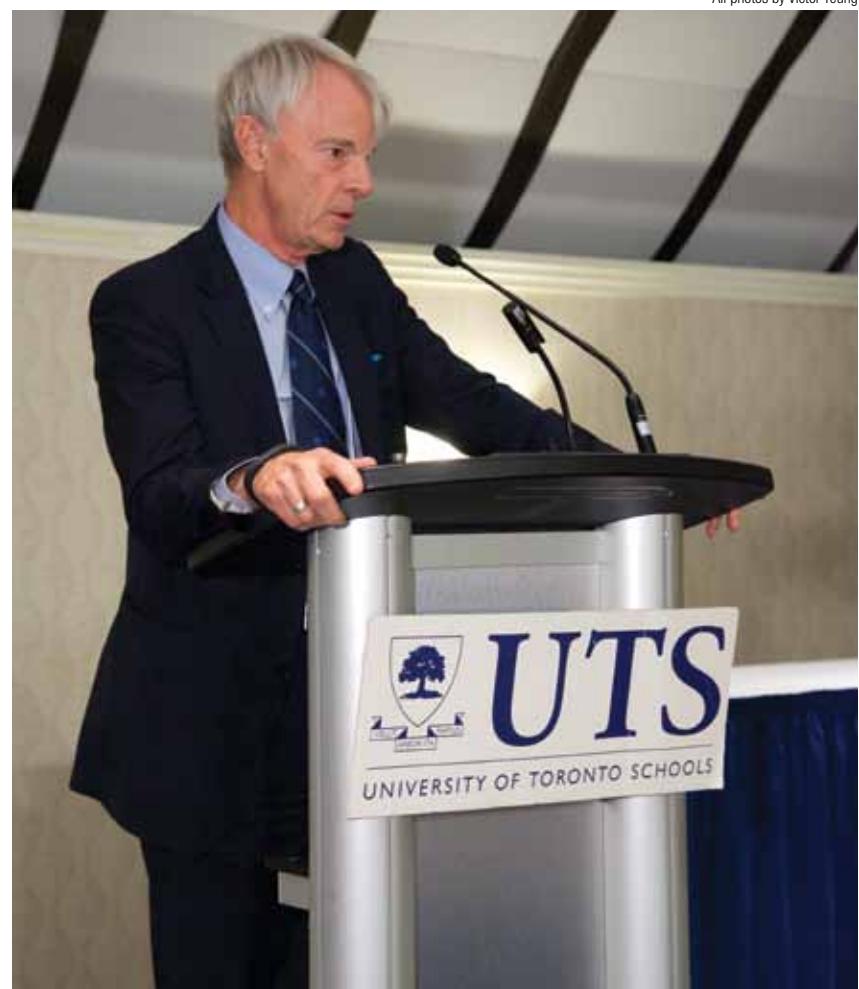
In his remarks, Mike Spence stressed the need for alumni to stay connected to UTS – especially during this important time in the school's history. "Institutions don't survive," he said, "if the

graduates walk off the stage." With the connection to the school and the enthusiasm so evident at the Annual Alumni Dinner, that hardly seems a likely scenario at UTS! ■



To nominate someone for the 2015 H. J. Crawford Award, go to [www.utschools.ca/crawford](http://www.utschools.ca/crawford)

**Save the Date**  
Annual Alumni Dinner,  
October 24 2015.  
Register at:  
[www.utschools.ca/rsvp](http://www.utschools.ca/rsvp)



Michael Spence talking to assembled guests at the Annual Alumni Dinner during his acceptance of the H. J. Crawford award.



From top, left to right: Michael Spence chats with Bob Lord '58, 2010 Crawford Award recipient and former UTS Board Chair, and Bob's wife, Patsy; recently retired teachers are honoured; Hall of Fame recipients on stage; the class of 1949; the classes of 1964 and 1989.

## ANNUAL ALUMNI DINNER, CRAWFORD AWARD, AND HALL OF FAME INDUCTEES



From top, left to right: the class of 1974 created a bursary in honour of their 40th anniversary, and the class of 1994 made a gift to the school to celebrate their 20th anniversary; the classes of 1979, 1984, 2004, and 2009.

# Alumni News

NOTES ON THE INTERESTING LIVES AND OUTSTANDING ACHIEVEMENTS OF OUR ALUMNI

UTS board chair **Jim Fleck '49** has been appointed a Companion of the Order of Canada. He was cited for his "enduring contributions and strategic leadership as one of Canada's leading arts patrons, and for endowing our national cultural institutions, notably by partnering business with the arts"; he received the honour on February 13. On the same occasion, the newest member of the UTS Board, Susan French, was named Officer of the Order of Canada "for her achievements in the field of nursing education in Canada and abroad".

**William Saunderson '52** was the recipient of the Order of the Diocese of Toronto, an award created in 2013 to honour members of the laity who have given outstanding service over a significant period of time in their volunteer ministry. He was presented with his medallion at St. James Cathedral, Toronto, on January 1, 2015.

**Robert Darling '57** and his wife, Alison, helped bring some warmth to chilly Winnipeg this winter by sponsoring the York Boat Gallery Warming Hut. Since

2010, hundreds of architects from around the world have competed in Winnipeg's annual warming hut competition along the Red and Assiniboine rivers. The Darlings' hut, which housed an art gallery, pays tribute to the York Boats used by the Hudson's Bay Company to carry furs and trade goods along inland waterways.

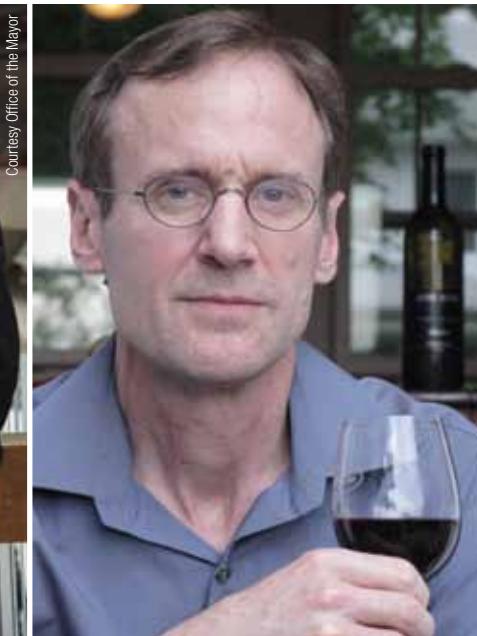
**John Fowell '60** and wife Jennifer (their first date was the 1960 UTS "At Home") celebrated their 50th wedding anniversary with a three-week ancestor



TOP: Jim Fleck, appointed Companion of the Order of Ontario - with Governor General David Johnston and with his wife Margaret. BOTTOM LEFT: New UTS Board member, Susan French, received the Order of Canada. BOTTOM RIGHT: the York Boat Gallery Warming Hut sponsored by Robert Darling '57.

Order of Ontario photos courtesy Office  
of the Secretary to the Governor General

Chris Fredrickson, courtesy of  
Chris and Kine Artst Collective



L-R: Keith Porter '71 on the court; Mayor John Tory '72; winemaker; Peter Bell '74. RIGHT TOP: Jill Copeland '83. BELOW: Wayne Jones '68.

odyssey to England and Wales. Among other locales, their quest took them to Devon, especially Plymouth, where both had Royal Navy ancestors.

UTSAA board member **Peter Frost '63** has been elected a councillor of the Township of the Archipelago, Ontario.

Since finishing Volume 2 of *War Surgery: Working with Limited Resources in Armed Conflict and Other Situations of Violence* (ICRC, 2013), **Christopher Giannou '68** has retired from the International Committee of the Red Cross, although he still goes on missions from time to time. He now teaches in two masters programs: Disaster Medicine at the University of Athens, and Trauma Sciences at the Queen Mary School of Medicine, University of London (UK). He is also a surgical consultant for the Canadian Red Cross Rapid Deployment Field Hospital and the National Critical Care and Trauma Response Centre field hospital in Darwin, Australia. He and his wife live in Greece.

**Wayne Jones '68** and his wife, Kate, have co-authored *Great Parenting Skills (GPS) for Navigating Your Kid's Personality* (Career/LifeSkills Resources Inc., 2015). A retired elementary-school

principal, father of two, and grandfather of four, Wayne says he had, "a wealth of experience and anecdotes to draw upon for the content of the book," which is full of parenting tips seen through the lens of temperament theory.

**Gary Slaight '68** has been promoted to Member of the Order of Canada "for his achievements as a business leader and for his generosity in the development of emerging artists." He became President and CEO of Standard Broadcasting Corp. in 2000, overseeing extensive multi-media interests. Gary created the National Songwriting Contest and the Canadian Radio Music Awards. He oversees the Slaight Family Foundation, and is also a member of the board of directors of Astral Media, Luminato, Sirius Satellite Radio, TIFF, and Maplemusic. He became a director of the Academy of Canadian Cinema and Film in 2011.

Now retired and living in Victoria BC, **Keith Porter '71** continues to be an avid tennis player. He and his doubles partner went into the men's over-60 doubles Super Seniors World Individual Championships in Austria in September 2013 unseeded, and managed to eliminate four other strong teams to claim the world champion title.

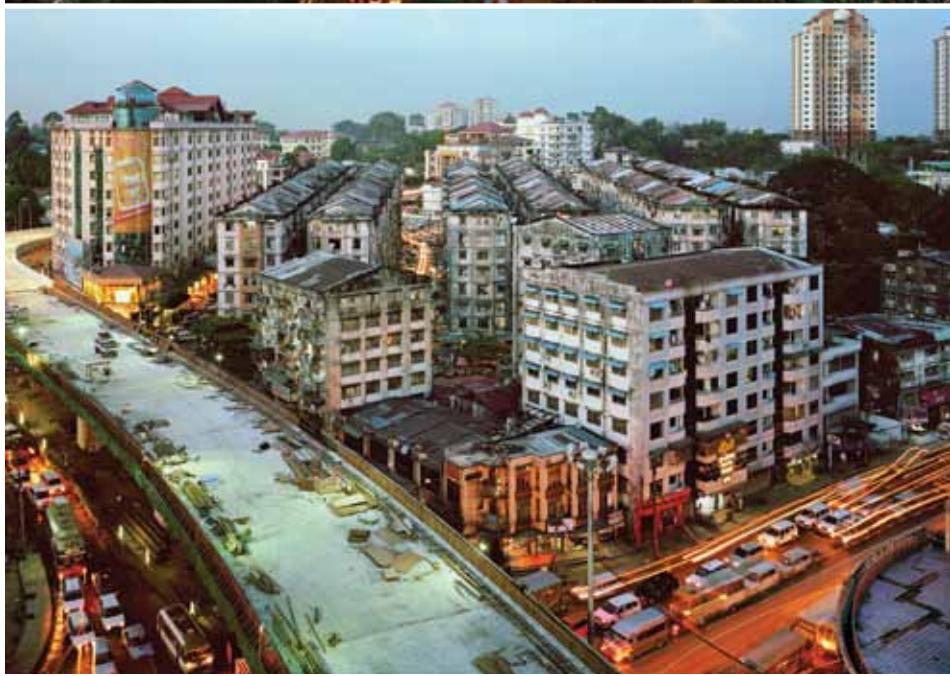
**John Tory '72** was elected Mayor of the City of Toronto on October 27, 2014.

**Peter Bell '74** was named one of the 20 Most Admired Winemakers in North America in a 2014 poll of industry professionals. He has lived in the Finger Lakes region of New York since 1990, and has been senior winemaker at Fox Run Vineyards since 1995.

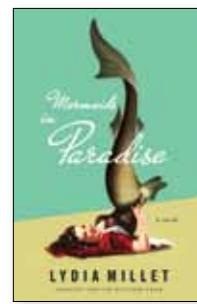
In August 2014, **Jill Copeland '83**, along with Paul Monahan, father of **Will Monahan '14** and husband of **Susan Opler '79**, were sworn in as judges in the presence of alumnus **Steven Goudge '60**. Most recently, Jill was a partner at Sack Goldblatt Mitchell LLP. Prior to that, she served as executive legal officer at the Supreme Court of Canada, and legal counsel for the College of Physicians and Surgeons of Ontario. She has served on the boards of the Elizabeth Fry Society of Toronto and the Queen's Park Childcare Centre, as well as secretary to the board of governors of the National Judicial Institute. She has also acted as pro bono duty counsel for self-represented individuals before the Ontario Court of Appeal for inmate appeals. She will preside in Brampton.



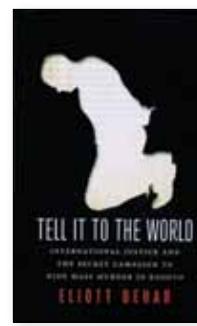
*Herman's House*, a documentary film produced by **Lisa Valencia-Svensson '83**, was awarded a News & Documentary Emmy for Outstanding Arts & Culture Programming in New York City in September, 2014. The film was also nominated for the Donald Brittain Award for Best Social/Political Documentary Program at the Canadian Screen Awards. *Herman's House* had its Canadian festival premiere at Hot Docs in 2012 and aired in summer 2013 on both the documentary channel in Canada as well as on the acclaimed PBS series "POV" in the USA. The film will be screened at UTS on Tuesday, May 12, 2015. See [www.utschools.ca/rsvp](http://www.utschools.ca/rsvp) for more details.



TOP: Lisa Valencia-Svensson '83 and the *Herman's House* production team. BELOW: images from an exhibition by photographer Andrew Rowat '95.



*Mermaids in Paradise* (W. W. Norton & Company, 2014) is the latest book by **Lydia Millet '83**. She is the author of 12 previous works of fiction. Her novel *Ghost Lights* was a New York Times Notable Book; its sequel *Magnificence* was a finalist for the National Book Critics Circle and Los Angeles Times Awards in fiction; and her story collection *Love in Infant Monkeys* was a Pulitzer Prize finalist.



*Tell It to the World* (Dundurn Press, 2015), by former war crimes prosecutor for the Former Yugoslavia, **Elliot Behar '93**, examines the causes and consequences of mass violence,

"identifying a powerful and disturbing connection between the justice we seek and the injustices we commit."

"Collision Yangon," an exhibition of work by photographer **Andrew Rowat '95**, was held at the Elaine Fleck Gallery in Toronto in October 2014. The exhibition featured images of



Alexis, daughter of Daniel Wang '94; baby Jay, son of Amanda Martyn '96; L-R: Theo Bitidis, Daron Earthy '99, Stefan Bitidis, Jon Bitidis '99, and Zeta Bitidis.

the architecture in Yangon (formerly Rangoon). Andrew's work has appeared in Vanity Fair, The New Yorker, Esquire, and GQ, to name just a few. He has been honoured with a PDN 30 award that recognizes the top 30 up-and-coming photographers worldwide, as well as awards from the Magenta Foundation, Px3, and the APA (American Photographic Artists). He splits his time between New York City and Shanghai.

"Phylogenomics Resolves the Timing and Pattern of Insect Evolution," a paper co-authored by **Jessica Ware-Huff '95**, was published as the cover story in the November 7, 2014 issue of the journal Science. Jessica is an assistant professor

in the Department of Biological Sciences at Rutgers University. "Last year, my paper on cold-tolerant cockroaches (*Periplaneta japonica*) in NYC was a popular news story," she adds. While attending the Entomological Society of America's annual meeting in Portland in November 2014 – where she was the Systematics Evolution and Biodiversity President – Jessica had the chance to connect with **Cassandra Extavour '91** who presented "How Insect Genomics Can Accelerate Research in Evolutionary Developmental Biology" at the conference. Cassandra established her independent laboratory as an Assistant Professor in the Department of Organismic and Evolutionary Biology

at Harvard University, where she was promoted to full Professor in 2014. She is on sabbatical in the Rainey Lab at the New Zealand Institute for Advanced Studies until September, 2015.

**Dan Wang '94** and Nikki Kumar are the proud parents of a baby girl, Alexis Aurora Wang, born on October 28, 2014. Alexis, born wide-eyed at just under seven pounds, was delivered by Dan's

classmate, Dr. **Rachel Spitzer '94**, a couple of days after Dan and Rachel celebrated their 20-year UTS class reunion.

Former UTS math teacher **Amanda Martyn '96** delivered baby boy Jay Martyn Twyman, on October 16, 2014. She writes that, "at nearly four months, Jay is full of smiles and is radiating cuteness nonstop."

**Tariq Fancy '97** was named one of the Toronto Star's "10 to Watch in 2015" for his work bringing tablets loaded with educational materials to children in the developing world. He switched career paths two years ago, moving from a Wall Street investment firm to founding the Rumie Initiative, a Toronto-based non-profit. The tablets are preloaded with textbooks, interactive lessons, and other instructive tools, and are distributed in areas of limited or non-existent access to education. According to the Star: "The organization is projected to dispense 30,000 of the \$50 tablets in 2015 alone, targeting Afghanistan, Pakistan and Kenya... An important focus for Rumie in 2014 was Liberia, where Ebola forced the closure of schools."

Stefan David Apollo Earthy Bitidis, son of UTSAA board member, **Jonathan Bitidis '99** and **Daron Earthy '99**, arrived in the early hours of January 21, 2015



LEFT: Andrew Rowat '95. RIGHT: Tariq Fancy '97.



L-R: The Kuperman brothers, Ricky '07 and Jeff '08; Gillian Bartlett (left) receiving her teaching award from UofT.

after a short labour – straight into the arms of his waiting father who became an instant and impromptu mid-wife. “He was out in three pushes,” explains Jonathan. “Luckily the midwives arrived moments later and took over... Big sisters Zeta and Theo slept through it, and were happy to meet their baby brother at 6 a.m.”

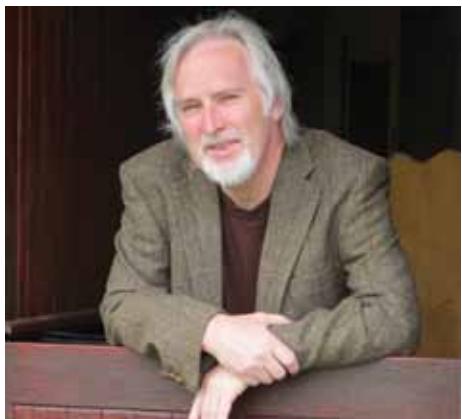
The **Kuperman** brothers, **Rick '07** and **Jeff '08**, have been industrious and busy, as always! *Smile* – an autobiographical one-man comedy show created with comedian Clayton Raithel – enjoyed a run at the NY International Fringe Festival in August 2014, and was released recently as a comedy special online. In October 2014, they performed together in *Over There*, a play by Mark Ravenhill – a Columbia

Stage Production – about twins raised on opposite sides of the Berlin Wall. In November, they choreographed *The Light Princess* at the American Repertory Theater in Boston, which moved Off-Broadway in late February. They also directed two music videos for recording artist Anthony D'Amato for his songs *Good and Ready* (premiered on NPR) and *Was a Time* (premiered on Entertainment Weekly).

Out of a pool of 550 instructors in UofT's School of Continuing Studies, seven were selected through student nominations and testimonials for an Excellence in Teaching Award – among them former UTS teacher **Gillian Bartlett**, who teaches Business & Professional Studies. Gillian taught English at UTS from 1996 to 2003.



Former UTS geography teacher **Jim Ryan** (1980-1990) recently retired as principal of Mitchell District High School and now considers himself a full-time musician. He says it will come as no surprise to his students from the 1980s that he sustained a parallel career as



Former UTS geography teacher Jim Ryan.

## STAY CONNECTED!

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a musician throughout his time as an educator. He recently released "Snippets of Truth," a new CD of original songs. "UTS was, and continues to be, such an inspirational and formative time for staff and students alike," he says.

## Alumni Branch Events

Last fall, at branch events in Calgary, AB and in Thornbury, ON, Principal Rosemary Evans, Martha Drake, Executive Director, Advancement, and UTS Board Chair **Jim Fleck '49** were able to share news of the school with alumni.

## Branching Out

This year's Branching Out program with 35 student-alumni partnerships drew to a close in January. Participants enjoyed orientation and training evenings, as well as a speed mentoring night. At a panel discussion, visiting alumni **Adam Chapnick '94**, **Bart Egnal '97**, **Alison Broverman '99**, and **Jonathan Bright '04** discussed the benefits of a liberal arts education. The mentees also gained knowledge of different career paths as well as advice and counselling on their upcoming transition from UTS to university and beyond. The next cohort of student mentees were assigned alumni mentors in March 2015, and we're gearing up for another great year. Enquiries about the program are welcome throughout the year. Alumni who are interested in becoming mentors should contact the Office of Advancement at [alumni@utschools.ca](mailto:alumni@utschools.ca).

## Alumni Visitors

Alumni presence in the classroom included **Sujit Roy '99**, who spent a few months with the UTS Classics Department as a student teacher and **Emma Jenkin '03**, who spoke to a senior arts class about her background in painting, and print and web design. Emma also took the students to the UTS Keys Gallery to show them her exhibition, which ran from September to December. In November, members of the UTSAA board were in school as judges for Don's Den. **Mark Opashinov '88** (President), **Nina Coutinho '04** (Vice President), **Jonathan Bitidis '99**,



TOP TO BOTTOM: the branch event in Thornbury, ON; VP Heather Henricks greets students and alumni panelists at a Branching Out event; Emma Jenkin '03 with students in an art class.

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[www.utschools.ca/merchandise](http://www.utschools.ca/merchandise)

Anne Fleming '85, and Oliver Jerschow '92 heard pitches from eight student clubs and initiatives and awarded a total of \$5,160 in funding. Finally, the largest group of alumni ever – more than 70 – volunteered at the school in January to interview applicants for Admissions.

## Many Alumni Enjoy UTSAA Reconnect Events

In January 2015, alumni ranging from 1958 to 2004 joined Principal Rosemary Evans and Alumni Affairs Officer Carrie Flood for a delicious meal at Boland's Open Kitchen and Bar in Toronto, owned by **Christopher Boland '73**. Thank you, Chris, for hosting this special and memorable evening. If you are an alumnus/a restaurant owner or chef, we want to showcase your talents, too! Please get in touch with the UTSAA to schedule an event by emailing [alumni@utschools.ca](mailto:alumni@utschools.ca).

– Sam Wu '03

Twelve teams, including one staff team, battled it out at the second annual Trivia Night moderated by UTS math teacher **Fraser Simpson**. After three rounds of questions, and with current Reach for the Top team members on hand to mark the answer sheets, The Brockheads were victorious. Claiming the prize of “smartest team”, as well as the informal prize of collectively “most years lived”, were **Bill Wilkins '73** and wife Margaret Wilkins, **John Bertram '73** and wife Mary Gordon, friend Jan Armstrong (daughter of **John Armstrong '35**), along with **Jim McGarva '03**. A mock Reach for the Top round against the current UTS team proved to be the greatest challenge of the evening; although the Brockheads fared well, the final score was 34 – 26 in favour of the current students.

**TWIG TAPE**  
**30TH ANNIVERSARY**

FOR QUESTIONS OR SUBMISSIONS, PLEASE CONTACT  
**JKAY@UTSCHOOLS.CA** BY **MAY 31ST**  
 VISIT **UTUNES.UTSCHOOLS.CA**

In February 2015, alumni attended Nocturne, an annual music concert featuring the school's most talented student musicians. This year's concert included a guest performance by internationally acclaimed violinist **Conrad Chow '99**. Alumni were invited to meet the performers following the concert.



TOP: The class of '70 enjoying a week of wilderness and kayaking. (L to R) Paul Wright, Alan Broughton, Stephen Stone, David Sutherland, Steven Zimmerman, and Clive Powell. BOTTOM LEFT: Members of the class of '70 together in May 2013: (L-R) David Sutherland, Rolland Leader, Alexander Hart, Peter Martin, Paul Wright. (Regrets from Doug Carter and Clive Powell). BOTTOM RIGHT: Student "mathletes" with members of the class of 1949.

## Class Reunions

The fall of 2014 proved to be a popular time for reunions! The **Classes of 1954, 1955, 1964, 1979, and 1984** all held get-togethers; they were joined by many of their former teachers or by Principal **Rosemary Evans** and **Martha Drake**, Executive Director, Advancement.

**The Class of '70** enjoyed two gatherings last fall. **Paul Wright '70** reports that in September 2014, six friends from the Class of 1970 enjoyed a week of wilderness and kayaking in the Broughton Archipelago of British Columbia.

**Alexander Hart '70** writes: "On May 16, 2013, **Rolland Leader '70** and his wife, Loris, were awakened from sleep to choking smoke, their Toronto house an inferno. Both suffered smoke

inhalation, and Rolland also sustained life-threatening burns. Loris recovered fairly quickly. In August, Rolland was finally discharged from hospital to begin rehab. On October 26, 2014, Rolland joined the usual West Coast Class of '70 suspects for dinner in Vancouver. He discussed his ordeal and the remarkable and courageous recovery he has made, with the unstinting support of Loris. Rolland is the son of Auschwitz survivors, his tenacious will to survive mirroring the strength his parents displayed during the war. Rolland, a cardiologist, is now back working part-time, and he and Loris are rebuilding their house. It was our privilege to join our inspiring classmate for dinner and to celebrate his life. In attendance were (L-R) David Sutherland, Rolland Leader, Alexander Hart, Peter Martin, Paul

Wright. (Regrets from Doug Carter and Clive Powell)."

In January 2015, the **Class of 1949** held a luncheon at the school with Rosemary and Martha, and also had the opportunity to meet **Cameron Martin '15** and **Emma Miloff '15**, the 2014-15 recipients of their class of 1949 W. Bruce MacLean Mathletic Award. Cameron and Emma expressed gratitude for the support.

**HELP WANTED!** The UTS Class of 1955 reunion will be held on October 2 and 3, 2015. Can you help us locate our classmates? We're looking for Dave Burnell, Peter Arnold, Terry Forbes, Ross Souden and John Barron. Contact Tom Sanderson: 416-910-9808 or [tomsand3@rogers.com](mailto:tomsand3@rogers.com).

## In Memoriam

### Richard Ball 1925-2014

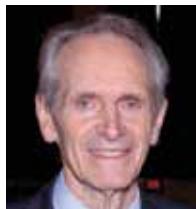


**Richard Alan Ball**  
**'44** passed away peacefully at North York General Hospital, on December 21, 2014 in his 89th year.

Richard served in the Royal Canadian Navy during World War II, then attended the University of Toronto, where he was a Varsity Blues hockey standout. His skill as a goaltender won him a berth on Canada's 1948 Olympic hockey team. Although he really wanted to play in the St. Moritz Games – where the team won gold – sadly, a faulty medical exam kept him from playing. Nevertheless, his selection to the team as the number-one goalie was one of his proudest achievements. Following the Olympics, he married his university sweetheart and concentrated on raising his family and building a successful career as a sales and marketing executive. In his retirement, he enjoyed some of his happiest moments on the golf course – on one memorable occasion, suffering a mild heart attack at the second hole, but insisting on playing most of the course before medical help was summoned. He was inquisitive, loved the most challenging crossword puzzles, and could be counted on to provide an animated response to almost any

subject. His love of family, devotion as a husband and father, and his concern for others are qualities that will remain in the memories of all who knew him. He is survived by his wife of 65 years, Claire, four children, and ten grandchildren. He was predeceased by brothers **Kenneth '37** and **Gordon '41**.

### Dr. John Robert Evans 1929-2015



UTS lost one of its most distinguished alumni and ardent supporters with the recent passing of **Dr. John Evans '46**. Through his exemplary work in many fields, he brought esteem to our nation and to UTS.

A *scholar*, he graduated from UTS at age 16, studied medicine at the University of Toronto, and won a Rhodes scholarship. An *athlete*, he played football at UTS and Varsity and twice captained UofT to college football supremacy. An *academic*, he pioneered a new model of medical education as founding Dean of McMaster University's Medical School in 1965, and then served as President of the University of Toronto from 1972-1978. A *nation builder*, he was a member of the Task Force on Canadian Unity. A *healthcare pioneer*, he was the first Director of Health and Nutrition at the World Bank. A *businessman*, he was the CEO of Allelix, Canada's first biotechnology company, the Chair of

Torstar, the first Chair of the Canadian Foundation for Innovation, and the first non-American Chair of the Rockefeller Foundation. A *visionary*, he was the founding Chair of MaRS. A *philanthropist*, he was a tremendous champion of UTS his entire life, giving liberally of his time, treasure, and talent. He was the inaugural recipient of UTS' H. J. Crawford Award for a combination of these qualities.

Throughout his career and his life, his greatest satisfaction came from caring for others as a clinician and mentoring colleagues in their careers. Were this the full measure of the man, it would be sufficient reason for us to praise him. But John Evans was also a transcendent individual characterized by his humanity, his humility, and his sense of humour. Often called "A Man for All Seasons", John embodied one of Thomas More's most famous quotations: "Humility, that sweet low fruit, from which all heavenly virtues shoot." Today, all who have had the good fortune to have known John Evans would agree that we've been upgraded by his presence in our lives. John leaves his wife Gay, and six children – Derek, **Mark '75**, Michael, Gill, **Tim '78**, and Willa – along with four daughters-in-law, a son-in-law, and 23 grandchildren. He will be missed.

– Tim Sellers '78

### John Provost Wilkinson 1927-2014

**John Wilkinson '45** passed away peacefully on September 28, 2014

## UTS students aim high. You can help them reach higher!

If you would like to designate a specific bequest to UTS or receive information on planned giving, please contact: Martha Drake, Executive Director, Advancement at 416-946-0097, or [mdrake@utschools.ca](mailto:mdrake@utschools.ca).

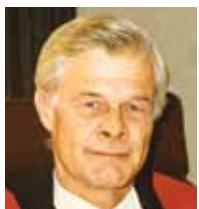




with family by his side, at the age of 87. John was part of a large UTS family and was immensely proud of being a graduate of the school: not only did his son, two nephews, a niece, and a nephew's three children attend, but he also married former headmaster Jack Althouse's daughter Isobel! John went on to graduate from the University of Toronto (BA, MLS), and the University of Chicago (Ph.D.). John was a Professor of Information and Library Science at the University of Toronto for decades. He was a peerless storyteller with a deep and vibrant intellect, the warmest of hearts, a rich humour, and a love of life. John's connection with the Class of '45 was a very important part of his life – and became increasingly important as he grew older. As with so many UTS graduates, John recognized and cherished the doors opened by his UTS education, the unique camaraderie he shared with his classmates, and the innate value of the school within Canada's educational system.

—John Wilkinson '78

## Hugh Zimmerman 1929-2015



**Hugh Zimmerman '47** passed away peacefully on January 11, 2015. Part of a large, 7-member, UTS family that included

his brothers **Bill '41**, **Richard '46**, and his sons, **Alec '71** and **Bob '73**, post-UTS, Hugh attended UofT's Victoria College and Osgoode Hall Law School, and joined his father William and his brother Richard in their law firm. After 20 years of private practice, he became Queen's Counsel, and was appointed a Judge of the Provincial Court of Ontario, eventually serving as the Senior Provincial Court Judge in York Region, based in Newmarket. He

was known for his unfailing courtesy towards, patience with, and respect for all those who appeared before him; he was guided by the Masonic principles of morality, equality, and justness and uprightness of life and action. His contributions to the wider community were many. He was founding director of the Lawrence Park Athletic Association; a member and later President of the Kiwanis Club of West Toronto; President of the Kiwanis

Music Festival of Toronto; and founding director and long-serving member of the Board of North Toronto Memorial Arena. He was happiest at his cottage in Muskoka, surrounded by his family, sailing his Albacore, honing his carpentry skills, and playing Hearts long into the evening. He was predeceased by Mora, his wife of more than 60 years, and will be missed by his five children and 15 grandchildren and great-grandchildren. ■

*UTS and the UTSAA extend their condolences to the families of those alumni and staff who passed away recently.*

### W.D. Alec McCuaig (UTS Staff)

SEPTEMBER 4, 2014

### W.T. Erskine Duncan '38

DECEMBER 3, 2014

### T. Wood Fairlie '40

MAY 30, 2014

### Walter E. Bell '41

JANUARY 4, 2015

### R. Geoffrey Gordon '42

NOVEMBER 2, 2014

### Edward W. Green '42

FEBRUARY 8, 2014

### John McCamus '42

SEPTEMBER 12, 2014

### T. Lorne Innes '43

JULY 25, 2014

### Joseph Sheard '43

JANUARY 19, 2015

### Donald Hill '43

FEBRUARY 1, 2015

### Michael Beer '44

AUGUST 22, 2014

### Richard Ball '44

DECEMBER 21, 2014

### John P. Wilkinson '45

SEPTEMBER 28, 2014

### Ian Dalton '46

AUGUST 21, 2014

### Denis R. Evans '46

DECEMBER 17, 2014

### John R. Evans '46

FEBRUARY 13, 2015

### Hugh E. Zimmerman '47

JANUARY 11, 2015

### Frederick Langford '48

JANUARY 24, 2015

### John Mollenhauer '49

NOVEMBER 11, 2014

### Vaughan Weston '49

JULY 22, 2014

### Ian Stewart '49

OCTOBER 24, 2014

### Paul J.P. Walsh '51

JULY 16, 2014

### E.A. Austin Fricker '52

NOVEMBER 6, 2014

### J. Paul Clough '52

SEPTEMBER 16, 2014

### David Haldenby '53

NOVEMBER 14, 2014

### Ian M. Smith '55

JULY 25, 2014

### Weldon Thoburn '57

NOVEMBER 18, 2014

### William Campbell '58

JANUARY 23, 2014

### Norman Beatty '67

SEPTEMBER 26, 2014

### Ian Ross '71

JULY 25, 2014

### Michael F. Boland '71

NOVEMBER 15, 2014

# LOOKING BACK

## Standing the Test of Time

The 105th year of UTS prompted us to peruse the pages of the 1935 Twig to see how the silver anniversary was marked. “A full quarter of a century has elapsed since [the school]... was established,” it reads. “Twenty-five years... crowded with incident and blessed with achievement.” Old Boy (the term for “alumnus” until the first wave of girls graduated in 1978) **Robert Scott ’17** observes that “to recall the day of the opening ceremony at UTS... is to realize that 25 years is not that long.” He remembers “a hall-full of new boys taking stock of each other and of this new place called UTS. Well, the branch, like the tree, has grown since then!” Here’s a rather irreverent take on the term “Old Boys” by then-student **John Bennett ’38** (see *The Root*, spring 2014). This group of teachers really stood the test of time: as part of the first cohort of UTS educators, they dedicated fully 25 years of their professional lives to the school.



LAST YEAR'S GRADUATES

