

Measuring the Value of a Postsecondary Education
Marriott Toronto Downtown Eaton Centre
Toronto, Ontario, Canada
May 19-20, 2011

Speakers



The Honourable Frank Iacobucci, Chair of the Board of Directors, Higher Education Quality Council of Ontario (HEQCO). With a distinguished career in private legal practice, academe, public service, and the judiciary, he serves as counsel with Torys LLP, is a member of the Law Commission of Ontario and serves as a conduct review advisor for the Canada Pension Plan Investment Board. He is a member of the board of directors of Tim Hortons Inc. and is a Companion of the Order of Canada. He received his B. Comm. and LL.B from the University of British Columbia and his LL.M. and Dip. Int'l L. from Cambridge University. At the University of Toronto's Faculty of Law, he was a professor of law and served as dean from 1979 to 1983. He also served as vice-president, internal affairs and vice president and provost at U of T. In 1985, he was appointed deputy minister of justice and deputy attorney general for Canada; in 1988, chief justice of the Federal Court of Canada; and in 1991, a justice of the Supreme Court of Canada. He retired from the Supreme Court of Canada in June 2004 and served as interim president of the U of T in 2004-2005.



Harvey P. Weingarten, President and CEO, Higher Education Quality Council of Ontario (HEQCO). He joined HEQCO on July 1, 2010, after serving as president and vice chancellor of the University of Calgary for nine years. A former professor of psychology at McMaster, he also was the university's provost and vice president academic, dean of science and chair of the psychology department. His research, supported by federal granting councils, industry and foundations, examined the biological and psychological controls of eating and body weight. He received his bachelor of science degree from McGill University and his master's degrees in science and philosophy, as well as his doctorate in philosophy from Yale University. He has served on many boards and councils including the Science, Technology and Innovation Council of Canada that advises the federal government on issues related to science, research and development and innovation policy; Association of Universities and Colleges of Canada; Alberta Heritage Foundation for Medical Research; Alberta Ingenuity Fund; Canadian Language and Literacy Research Network; and Shad Valley.

9:15 a.m. | May 19 | Approaches to Measurement



Chair: Sam Andrey, Executive Director, Ontario Undergraduate Student Alliance (OUSA), which represents 145,000 professional and undergraduate students to the provincial government. Previously he served as OUSA's director of research. Andrey received his undergraduate degree in biochemistry from the University of Waterloo, which is where his involvement with university governance began.



Jillian Kinzie, Associate Director, Indiana University Centre for Postsecondary Research and the NSSE Institute. Kinzie conducts research and leads project activities on effective use of student engagement data to improve educational quality, and is currently co-principal investigator on the Spencer Foundation-funded project, Learning to Improve: A Study of Evidence-Based Improvement in Higher Education. She managed the Documenting Effective Education Practices project and Building Engagement and Attainment of Minority Students, and is a research associate on the National Institute

for Learning Outcomes Assessment project, an initiative to assist institutions and others in discovering and adopting promising practices in the assessment of college student learning outcomes. She received her doctorate in higher education from Indiana University Bloomington. Prior to this, she was a faculty member at Indiana University and worked as a researcher and administrator in academic and student affairs at several institutions, including Miami University and Case Western Reserve University. She has co-authored numerous publications including *Student Success in College: Creating Conditions that Matter*. The **National Survey of Student Engagement (NSSE)** is one of the most widely used instruments for measuring postsecondary student engagement. Established in 1998, NSSE annually collects information at hundreds of four-year colleges and universities in the U.S. and Canada about student participation in programs and activities that institutions provide for their learning and personal development. The results provide an estimate of how undergraduates spend their time and what they gain from attending college.



Roger Benjamin, President and CEO of the New York-based Council for Aid to Education, developers of the Collegiate Learning Assessment, considered the gold standard for measuring postsecondary learning outcomes. He was a senior research scientist at the RAND Corporation from 1990 to 2005 and director of RAND Education from 1994-1999. Previously, at the University of Minnesota, he was a member of the political science department, associate dean and executive officer for the College of Liberal Arts and vice president for academic affairs and provost. He also served as senior vice

chancellor for academic affairs and provost at the University of Pittsburgh. Benjamin is the author or co-author of numerous monographs and articles on institutions design related questions in political economy and education policy. He directs a program to introduce performance assessment throughout the K-16 education system in the United States and the member countries of the OECD (Organisation for Economic Co-operation and Development) via as part of its Assessment of Higher Education Learning Outcomes (AHELO) project. **The Council for Aid to Education (CAE)** is a national non-profit organization initially established in 1952 to advance corporate support of education and to conduct policy research on higher education. Today CAE is also focused on improving quality and access in higher education. The Collegiate Learning Assessment (CLA) is central to that focus, a national effort to assess the quality of undergraduate education by directly measuring student learning outcomes.

11:00 a.m. | May 19 | What's Happening in the USA?



Chair: David Agnew, President, Seneca College. In his Ontario public service career, he was secretary to the cabinet, principal secretary to the premier and deputy minister of the Public-Private Partnerships Project. He is the former president and CEO of UNICEF Canada, ombudsman for Banking Services and Investments, executive vice-president and corporate secretary for the Credit Union Central of Ontario, and principal with the strategy consulting firm Digital 4Sight. He received his undergraduate degree in political science from Memorial University of Newfoundland. He serves on numerous boards and committees including the federal government's Science, Technology and Innovation Council.



Holiday Hart McKiernan, General Counsel and Vice President of Operations for the Indianapolis, Indiana-based Lumina Foundation, the largest foundation in the United States dedicated exclusively to increasing students' access to and success in postsecondary education. McKiernan directs the foundation's legal affairs and also leads Lumina's exploration of the Bologna Process – the European Union's project to harmonize higher education programs and degrees by defining curricula learning outcomes by subject area. She speaks frequently on legal, governance and policy issues concerning non-profit organizations and higher education institutions. Prior to joining Lumina in 2003, she was

executive director and counsel for Alpha Chi Omega and advised universities on approaches to high-risk student behaviour. She has co-authored several journal articles on institutional change and learning assessment. She serves on numerous boards including the Board of Visitors for DePauw University, from which she received her BA. She received her law degree

from Indiana University. **Lumina Foundation for Education** is a private, independent foundation based in Indianapolis and founded in 2000. Lumina is committed to enrolling and graduating more students from college, and pursues this goal by identifying and supporting effective practice, encouraging effective public policy, and using its communications and convening capacity to build public will for change.

12:20 p.m. | May 19 | Special Remarks by the Honourable John Milloy



John Milloy, Ontario Minister of Training, Colleges and Universities. Appointed to the post in 2007, he was elected to the Ontario legislature in 2003 and re-elected in 2007. Between June 2009 and August 2010 he took on additional responsibilities as Minister of Research and Innovation. Before becoming an MPP, Milloy was responsible for public affairs at the Centre for International Governance Innovation in Waterloo. He has worked for a series of provincial and federal politicians, including as legislative assistant to Prime Minister Jean Chrétien. A graduate of Carleton University and the London School of Economics, he received his doctorate in modern history from the University of Oxford where he was a Commonwealth Scholar.

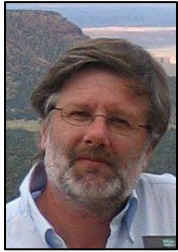
1:15 p.m. | May 19 | What's Happening in the OECD and Elsewhere?



Chair: Allison Sekuler, Associate Vice-President and Dean of Graduate Studies, Professor of Psychology, Neuroscience and Behaviour, McMaster University. Holder of a Canada Research Chair in Cognitive Neuroscience, she is former associate vice-president, research at McMaster, where she led the development of new undergraduate research initiatives and facilitated interdisciplinary research programs.



Diane Lalancette, assessment analyst at the Organisation for Economic Co-operation and Development's (OCED) Directorate for Education and its Assessment of Higher Education Learning Outcomes (AHELO) project, which will test what students in higher education know and can do upon graduation. She has worked as a specialist in measurement and evaluation for the past 20 years and has held positions in three different Canadian provinces, responsible for policy, marking, and reporting of student assessment results. She was also responsible for the implementation and administration of national and international assessment programmes as well as the analysis, interpretation and reporting of those assessments. Lalancette has worked with national and international education assessment experts and senior government officials in the development and implementation of public policies and new programmes, developing and monitoring performance measures and other education indicators. She holds a master's in education, measurement and evaluation from Université de Montréal, where she also lectured. **OECD's Assessment of Higher Education Learning Outcomes (AHELO) project** is a direct evaluation of student performance and will provide data on the relevance and quality of teaching and learning in higher education. The test aims to be global and valid across diverse cultures, languages and different types of institutions as a tool for universities to assess and improve their teaching; for students to make better choices in selecting institutions; for policy-makers toward greater accountability; and for employers to know if the skills of the graduates entering the job market match their needs.



Robert Wagenaar, Historian, Director of Undergraduate and Graduate Studies at the Faculty of Arts of the University of Groningen in the Netherlands and joint coordinator of Tuning Educational Structures in the World, projects to design and implement curricula on the basis of a student centred approach and learning outcomes.

Wagenaar is an external higher education expert for the European Commission and has been involved in initiatives to harmonize European higher education, including the development of a European Credit Transfer and Accumulation System and the Qualifications Framework for the European Higher Education Area. He chairs the Dutch team of experts for the implementation of the 'Bologna Process' in Dutch higher education institutions. He is coordinator of the Erasmus Mundus Master Programme of Excellence Euroculture: Europe in the Wider World and joint coordinator of the Erasmus Mundus External Cooperation Windows for Mexico and Central America Tuning **methodology** has been tested in some 60 countries, including Russia, 19 countries in Latin America and the USA. Most recent Tuning initiatives are the development of Sectoral Qualifications Frameworks for Social Sciences (2008-2010) and Humanities and the (performing and Creative) Arts (2010 -) and Tuning Australia, Tuning USA and a Tuning feasibility study for Africa, commissioned by the European Commission (2010-2011). As part of the OECD AHELO project, Tuning designed Conceptual Frameworks of Expected/Desired Learning Outcomes in Economics and Engineering.

3:00 p.m. | May 19 | Innovation Corner



Rob Kapilow, composer, conductor and educator who has built an international reputation in finding connections and intersections between music and the outside world. For almost 20 years, Kapilow has brought the joy and wonder of classical music to audiences of all ages and backgrounds. Characterized by his unique ability to create an "aha" moment for his audiences and collaborators, whatever their level of musical sophistication, Kapilow's work opens new ears to musical experiences and helps people listen actively rather than just hear. He received his degrees from Yale University and the Eastman School of Music and was an assistant professor at Yale for six years. Kapilow's What Makes It Great? concert series sells out annually in several cities including at New York's Lincoln Center. He has conducted many new

works of musical theater, including the Tony Award-winning *Nine on Broadway* and works for the American Repertory Theater. He is the conductor/creative director of FamilyMusik for the Celebrity Series of Boston and at Lincoln Center, and has been co-director of the Rutgers SummerFest Festival, assistant conductor of the Opera Company of Boston, music director of the touring company Opera New England, and conductor of the Kansas City Symphony's summer FamilyFare program. He was also music director of the Yale Symphony Orchestra for five seasons. Kapilow has conducted many of North America's finest orchestras including the Philadelphia Orchestra, the National Symphony, the St. Louis, Atlanta, Toronto, and Detroit symphonies and the St. Paul Chamber Orchestra. His compositions have been performed by nearly every major American orchestra as well as orchestras in Europe, Asia and Australia.

7:00 p.m. | May 19 | Special Remarks by Ken Dryden



Ken Dryden, Canadian politician, lawyer, businessman, author, and former NHL goaltender. First elected to the House of Commons as a Member of Parliament in 2004, he was re-elected in 2006 and 2008. From 2004 to 2006, he was Minister of Social Development. A member of the Hockey Hall of Fame, the Canadian Sports Hall of Fame and the International Scholar-Athlete Hall of Fame, he was a goaltender for the Montreal Canadiens from 1971 to 1979, during which time the team won six Stanley Cups. His community and charitable work has focused largely on children, youth and education. He created the Ken Dryden Scholarships, awarded to young people currently or formerly in the care of the Canadian child welfare system. He holds a degree in history from Cornell University, a degree in law from McGill University

and seven honorary degrees. He is the author of five books: *The Game*, *Home Game*, *The Moved and the Shaken*, *In School* and *Becoming Canada*.

9:05 a.m. | May 20 | What's Happening in Australia?



Chair: Maureen Mancuso, Provost and Vice-President Academic, Professor of Political Science, University of Guelph. She has also led university-wide efforts to re-examine the undergraduate learning experience and to address the challenges of accessibility to postsecondary education. A 2011 3M National Teaching Fellow, she received her undergraduate degree from McMaster University, her master's from Carleton University and her doctorate from Oxford University.



Michael Gallagher, Executive Director, Group of Eight, Australia; the eight leading research-intensive universities in Australia, which are demonstrating innovation in learning quality and evaluation. Gallagher's previous positions include director of policy and planning at The Australian National University; head of Australian Education International within the Department of Education, Science and Training; head of the Commonwealth administration of higher education; and head of the Department of Employment Education and Training Corporate Services. He has a long history in the education industry including teacher and lecturer and a member of the Wran Committee on Higher Education Financing. He has worked overseas for the World Bank and also continues to undertake work for the Organisation for Economic Co-operation and Development (OECD) on higher education issues.

10:40 a.m. | May 20 | The Innovators



Chair: Lesley Lovett-Doust, President, Nipissing University. Former provost and vice-president academic affairs at Michigan Technological University, she was dean of science and environmental studies at Lakehead University and dean of engineering and science at the University of Windsor. She received her undergraduate degree in ecology and resource management, forestry and natural resources from the University of Edinburgh, Scotland and her doctorate in plant ecology and evolution from the University of Wales.



Lorne A. Whitehead, Professor and NSERC/3M Chair, Physics and Astronomy, University of British Columbia; leads the Carl Weiman Science Education Initiative -- a five-year project to improve undergraduate science education through defining and measuring learning outcomes. Whitehead received his doctorate in applied optics from UBC and has substantial experience in technological, business and administrative innovation. He received his BA, master's and doctoral degrees in physics from UBC and has extensive private industry experience, both in collaboration with major multinational firms and in the founding of several UBC spin-off companies. He has held a number of administrative positions at UBC including associate dean, dean pro tem, vice-president academic and leader of education innovation. In these roles he has worked to apply the methodology of innovation to the improvement of teaching and learning. Currently, in collaboration with the Carnegie Foundation for the Advancement of Teaching, he is helping to organize a network of universities studying the influence that senior leadership can have on accelerating the adoption of evidence based improvements of teaching and learning in higher education. **The Carl Wieman Science Education Initiative** was conceived to reshape science education at UBC. Its primary mission is to support science departments in their efforts to provide a superior education for all undergraduate students enrolled. The program explores useful and efficient ways to incorporate research on learning science and measuring the learning of science into the standard educational practices of departments and faculty; and identifies (or develop as needed) effective, reliable, and easily used educational technology.



Jeana Abromeit, Professor of Sociology and Chair of the Council for Student Assessment at Alverno College in Milwaukee, Wisconsin. In August she will become Associate Vice President of Academic Affairs. Abromeit received her doctorate from the University of Colorado at Boulder. In addition to her teaching, she has served as a consultant with faculty and institutions in the U.S. and internationally on teaching, learning, assessment, program/institutional assessment and cultural diversity. She is a consultant/trainer/mentor for the Higher Learning Commission, an accrediting institution and part of the North Central Association of Colleges and Schools. Since 1976, **the Alverno College Educational Research and Evaluation Office** has been conducting research on student learning outcomes, tracking entire classes of students from entry to graduation and up to five years afterward. Alverno College studies examine relationships among teaching, learning and assessment in general education and across different major fields.

1 p.m. | May 20 | Lessons from Ontario



Chair: Rob MacIsaac, President, Mohawk College of Applied Arts and Technology. Before joining Mohawk, MacIsaac was the first chair of Metrolinx, the authority responsible for planning and governing transportation in the Greater Toronto Hamilton Area. Mayor of the City of Burlington from 1997 to 2006, he was known for his regional approach and progressive growth management ideas. He received his undergraduate degree in economics from the University of Waterloo and his law degree from the University of Western Ontario.



Virginia Hatchette, CEO, Postsecondary Education Quality Assessment Board (PEQAB); the Ontario agency charged with evaluating the quality of postsecondary programs and assessing whether students meet learning outcomes. Hatchette has worked in the Ontario public service for 10 years, and has held positions related to degree quality assurance, and university governance and accountability. With PEQAB colleagues, she co-authored Ontario's degree qualifications framework, and with provincial partners, the pan-Canadian degree quality framework. Prior to joining the Ontario public service, she was a faculty member in the department of psychology at St. Mary's University in Halifax. She has published in the area of student achievement and created educational shareware. Established in 2000

under the Post-secondary Education Choice and Excellence Act, **PEQAB** reviews the quality of degree programs offered pursuant to the consent of the Minister of Training, Colleges and Universities, and the capacity of institutions to provide them.