

## Policy Workshop:

Le vote par Internet: Que peut apprendre le Canada? – Internet Voting: What Can Canada Learn?

26 January 2010

## BIOGRAPHIES

**R. Michael Alvarez** received his B.A. in 1986 from Carleton College (Minnesota), and his Ph.D. from Duke University (North Carolina) in 1992. He has taught political science at the California Institute of Technology since 1992, focusing on elections, voting behavior, and election technology. He has published five books, including two in 2008 (*Electronic Elections: The Perils and Promises of Digital Democracy*, *Election Fraud: Detecting and Deterring Electoral Manipulation*), scores of academic articles and reports and currently acts as co-editor of *Political Analysis*, and co-director of the Caltech/MIT Voting Technology Project. He has studied elections throughout the world, including recent research in Argentina and Estonia and was named to the Scientific American 50 in 2004 for his research on voting technologies.

**Andrew Brouwer** is the current Deputy Town Clerk for the Town of Markham, and has previously served as Deputy Clerk for the towns of Whitchurch-Stouffville and Ajax and as the Manager of Board Affairs/Corporate Secretary for the Ontario Hospital Association. His roles have involved the management of legislative, secretariat, records/information management, communications and access/privacy services, and his experience also includes management of three municipal elections and one by-election. Andrew holds a Master of Public Administration degree from the University of Western Ontario and a Bachelor of Environmental Studies (Urban and Regional Planning) from the University of Waterloo. He is a member of the Association of Municipal Managers, Clerks and Treasurers of Ontario, having served on the Zone 4 Executive Committee as well as a special task force on professional accreditation.

**Joan DeBardleben** is Chancellor's Professor of European, Russian, and Eurasian Studies at Carleton University in Ottawa. She is also Director of Carleton's Centre for European Studies and of the Canada-Europe Transatlantic Dialogue, a major research network funded by the Social Sciences and Humanities Research Council of Canada. She is the editor of and contributor to numerous volumes, including most recently co-editor of *Activating the Citizen: Dilemmas of Citizen Participation in Canada and Europe* (with Jon Pammett, 2009) and *Democratic Dilemmas of Multilevel Governance: Legitimacy, Representation and Accountability in the European Union* (with Achim Hurrelmann, 2007). Her numerous publications deal with Russian and East European politics, particularly relating to democratization, elections, and public opinion; labour relations and privatization; federalism; and the relationship between the European Union and Russia.

**Jason Gallagher** is the lead software developer of OSCAR, an open source electronic medical record (EMR) system based out of McMaster University. He has helped OSCAR develop from a local university project to a globally used and recognized EMR. In Canada alone, OSCAR is used by over 1000 family health doctors and specialists and manages more than 1 million patient records, making it one of the most successful open source projects to date. Jason regularly speaks about the dynamics of open source software and helps organizations understand its benefits and drawbacks.

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**Urs Gasser** is the Executive Director of the Beckman Center for Internet & Society at Harvard University. His research focuses on information law and policy issues. Current projects – several of them in collaboration with leading research institutions in the U.S., Europe, and Asia – explore policy and educational challenges for the future generation of digital natives, the regulation of digital media and technology (with emphasis on IP law), ICT interoperability, information quality, the institutional settings for fostering entrepreneurship, and the law's impact on innovation and risk in the ICT space. He graduated from the University of St. Gallen and Harvard Law School.

**Nicole Goodman** is a PhD candidate at Carleton University in the Department of Political Science. She wrote her comprehensive exams in the fields of Canadian and Comparative Politics and is currently working toward completing her dissertation, which explores how feelings of civic responsibility are changing among the young and how they relate to voting, as well as their impact on electoral participation. More broadly her research interests include elections, turnout, survey methodology, citizenship and civic duty as well as the effect of the Internet on elections and voting. Nicole is a co-author of *A Comparative Assessment of Electronic Voting* (with Carleton Professors Jon H. Pammett and Joan DeBardeleben).

**Adam Froman** is CEO of Delvinia, a leading Canadian interactive firm that designs and implements digital customer experiences to clientele through divisions Delvinia Interactive and Delvinia Data Collection. In 2004, he launched AskingMedia™, Delvinia's award-winning and proprietary research modules which enables Delvinia to deliver a secure solution for testing television commercials online. He also created the "AskingCanadians™" and "Qu'en Pensez-Vous™" online consumer research panels of 150,000 Canadians used to conduct field work for online surveys. He is a Licensed Professional Engineer and holds a Bachelor of Applied Science in the area of Industrial Engineering specializing in Human Factors from the University of Toronto (1998) and an MBA from the Schulich School of Business (1992)

**Tom Hawthorn** is the Head of Electoral Policy for the United Kingdom Electoral Commission. His career in the elections field began with a spell working on local government re-districting before joining the Electoral Commission early in its first year of existence in 2001. Tom has been involved with the UK programme of electoral modernisation since 2002, including a seven month secondment with the UK Government Ministry of Justice in 2006/07. His principal role has been in coordinating the independent evaluation of new voting schemes by the Electoral Commission.

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**Kimberley Kitteringham** is the current Town Clerk and Director of Legislative Services for the Town of Markham. She previously served as Deputy Clerk for the Town of Markham and the City of Oshawa, and as Committee and Election Consultant for the Town of Oakville. She is an active member of the Association of Municipal Managers, Clerks and Treasurers of Ontario, currently sitting on the Legislative Committee and as the Legislative Committee's representative on the Municipal Elections Project Team. She has previously served as Chair of the Municipal Election Project Team as well as a member of the Municipal By-law Enforcement and Licensing Project Team. Her roles have involved the management of legislative, secretariat, by-law enforcement, records/information management, and access/privacy services. Her election experience includes management of four municipal elections and two by-elections. She holds a Master of Public Administration degree from Queen's University and a Bachelor of Political Science and History from the University of Toronto.

**Tarvi Martens** has been a key figure in the Estonian IT and information security field for the past dozen years. Tarvi has been building governmental internet systems (1993-1997), developing information security and PKI products (1997-2001) and has been actively involved in various aspects of Estonian e-government development. Tarvi was among the initiators of the Estonian ID card project in 1996 and of DigiDoc, the national *de facto* standard for digital signatures in Estonia, in 2002. In 2003, he started the e-voting project with the National Electoral Committee in order to provide the Estonian electoral system with Internet voting capacity. In 2007, Tarvi received the "Top Outstanding Young Person of the Year" award from JCI (Junior Chamber International) for his achievements in technological developments.

**John McKinstry** is Sales Manager for Dominion Voting Systems. He has wide experience in sales and project support for a variety of election automation deployments. He has been involved in the specification, implementation, and execution of election systems for customers across Canada, and in the United States, United Kingdom, and The Philippines.

**Cathy Mellett** is the current Acting Clerk of the Halifax Regional Municipality (HRM). She was seconded from her home position as Division Manager of Client Services, responsible for HRM's web site, Customer Service and Call Centre, to become Project Director for HRM's e-voting initiative in 2007. She currently oversees the administration of the Municipal Clerk's office and leads a number of Council's governance initiatives, including a major review of HRM's district boundaries and Council committee reform. She has over 25 years experience in operations management in the public sector and degrees from the University of Regina (BA'79), a certificate in Management from St. Mary's University ('88) and an MA in Conflict Analysis and Management from Royal Roads University ('03). She is a founding member of the Municipal Service Delivery Officials Association of Canada.

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**Rennie Molnar** is Deputy Chief Electoral Officer, Electoral Events, and is responsible for managing federal election readiness and delivery. Mr. Molnar joined Elections Canada in 1993 as a senior project manager in the Information Technology Directorate following 13 years at Statistics Canada with progressive responsibilities in information technology and geographic information systems. In 1998 he became the Director of the National Register of Electors which was merged with the Electoral Geography program in 2000. He assumed the position of Senior Director Operations in October 2005, which was merged with the Register and Geography program in 2006, creating the Electoral Events Sector. Mr. Molnar has a diploma in business administration from Algonquin College, with a specialization in information technology.

**Jon Pammett** is Professor of Political Science at Carleton University in Ottawa. He is also co-Director of the Carleton University Survey Centre, and Canadian delegate to the International Social Survey Programme. He is co-editor and contributor to *Activating the Citizen: Dilemmas of Citizen Participation in Canada and Europe* (2009), and co-author of *Political Choice in Canada* and *Absent Mandate*, books about voting behaviour in Canadian elections. He is co-editor of, and contributing author to numerous books on Canadian politics including *The Canadian Federal Election of 2008*, as well as several volumes in this series on earlier elections. He has published journal articles on public opinion and voting behaviour in Canada and Russia, and has also worked in the field of political education. He is currently engaged in a study of voting turnout in Canada as compared to other countries, and is also writing a book on Canadian elections through history.

**Dean Smith** is the President and Founder of Intelivote Systems Inc., a Nova Scotia based company, which provides a seamless integration of Internet, telephone and wireless electronic voting, often in combination with traditional polling station voting. He is considered one of Canada's leading authorities on electronic voting, the processes and security associated with the implementation of the technology, and the social, political and economic impact of its use in the pursuit of choice for election participants. He is a business and information system professional with over 35 years experience in the I.T. industry in Canada.

**Alexander Trechsel** is Professor of Political Science and holder of the Swiss Chair in Federalism and Democracy at the European University Institute (EUI) in Florence, Italy. He completed his academic education at the Universities of Geneva, Michigan, Essex, Oslo and at the European University Institute, and received his Ph.D. in political science from the University of Geneva (Switzerland). Before joining the EUI in 2005, he was Vice-Director of the Research and Documentation Centre on Direct Democracy (c2d) at the Law Faculty of the University of Geneva (1999-2005). He initiated and coordinates the new European Union Democracy Observatory (EUODO) at the Robert Schuman Centre for Advanced Studies of the EUI. His research interests include e-democracy, direct democracy, federalism, European integration and political behaviour.

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**Peter Wolf** works as a Technical Manager in the Electoral Processes Team at International Institute for Democracy and Electoral Assistance (IDEA), Stockholm, where he is responsible for the Elections and Technology Project and the technical development of the ACE website. He holds a Masters degree in Computer Engineering from Graz University of Technology, Austria. After initially working for a private sector IT company in Austria he joined the Elections ICT Unit at the OSCE Mission to Bosnia and Herzegovina. Both with the OSCE and as a consultant for the United Nations Development Programme and the International Foundation for Electoral Systems (IFES), he was involved in technical electoral assistance projects in the Balkans and Africa and the Middle East. He served in several EU and OSCE/ODIHR Election Observation Missions as voter registration and electronic voting expert.