

“The Way Forward to a World Free of Nuclear Weapons”

Canadian Pugwash Group Anniversary Conference, Pugwash, N.S. July 9-11, 2015

SELECTED BIOGRAPHIES, CPG EXPERT WORKSHOP

Sylvat Aziz

Sylvat Aziz teaches in the Visual Arts Programme at Queen's University and is cross-listed with Gender Studies and Cultural Studies. She trained at Pratt Institute NYC and Concordia University, Montreal for graduate work. She also read for her graduate certification in Comparative Literature, GC University, Lahore Pakistan. Her research interests are focused on visual and material culture in Muslim societies. She has presented her work in museums and galleries internationally and is represented in several permanent collections in Canada and abroad. Her current research projects include the Kalasha and their socio-political survival in Khyber-Paktoonkhwa and the Sunni/Shia dynamics contextual to the material/visual culture of Muharram.

Kennette Benedict

Kennette Benedict served as executive director and publisher of the Bulletin of the Atomic Scientists from 2005 until she retired in February 2015. She came to the Bulletin from the John D. and Catherine T. MacArthur Foundation, where she directed the international peace and security program from 1992 to 2005. She also established and directed the foundation's initiative in the former Soviet Union from 1992 to 2002. Before joining the foundation in 1987, she taught at Rutgers University (1980-1981) and at the University of Illinois at Urbana-Champaign (1981-1985). Benedict received her A.B. from Oberlin College and a PhD in political science from Stanford University. Her media appearances include interviews on ABC's 20/20, CNN, CNN International, BBC, CBC, NPR, CTV, Voice of America, Fox News Channel, Agence Presse-France, and Al Jazeera. She has been quoted in USA Today, the Chicago Tribune, Village Voice, Los Angeles Times, and Congressional Quarterly, among others. She appears regularly on radio news and talk shows in the United States, Britain, and Australia.

Jamison Boley

Jamison Boley graduated from the University of Western Ontario, 2015, completing an Honors Specialization in International Relations. Courses include: International Security, International Diplomacy and Negotiations, and International Conflict Management. She has written on the international negotiations that led to the formation and adoption of the NPT.

From September 2015, she will attend the University of Ottawa for a combined Master's/Law Degree through both the University of Ottawa and the Norman Paterson School of International Affairs (NPSIA) at Carleton University, specializing in Conflict Analysis and Resolution and hopes to pursue a career in international negotiations and diplomacy, with a focus on conflict resolution.

Giovanni Brenciaglia

I managed the nuclear fuel for all Ontario Hydro reactors for thirty years. On retirement I formed my company doing specialized measurements in nuclear reactors all over the world. When the company was well established, I sold to my partners and retired for a second time up here in Huntsville. Now I am busy raising my granddaughters, age 2 to 21, and volunteering in many activities, ranging from environmental issues to hospice care. I attended my first Pugwash Conference in 1959 as a student observer and I am now one of the three Pugwash Park Commissioners.

Adele Buckley

Adele Buckley is a physicist, engineer and environmental scientist. She is a former Chair of Canadian Pugwash and a member of the international Pugwash Council. She leads the CPG campaign for a nuclear-weapon-free Arctic and has been invited to speak on this topic in seven countries. Adele is a member of the advisory board of Canadians for a Nuclear Weapons Convention; and for CPG's Global Issues Project, she led an expert roundtable on freshwater. After completing her Ph.D. in Aerospace Engineering, she was a founding partner and Vice President (VP) of Sciex, developer of mass spectrometry systems with extensive worldwide installations. Formerly, she was VP Technology and Research, Ontario Centre for Environmental Technology Advancement; and VP Solarchem Environmental Systems. Dr. Buckley's wide-ranging work in environmental technology includes commercialization of new technology, verification of performance and projects in Bangladesh and China.

John Burroughs

John Burroughs is the Executive Director of the Lawyers' Committee on Nuclear Policy (LCNP) and the Executive Director of the UN office of the International Association of Lawyers Against Nuclear Arms (IALANA). As a specialist on treaty regimes and international law, he has represented LCNP and IALANA in NPT review proceedings and in various international fora. John has contributed publications to many different books, journals and reports including, among others, Unspeakable suffering-the humanitarian impact of nuclear weapons; Assuring Destruction Forever: Nuclear Weapon Modernization Around the World; Nuclear Disorder or Cooperative Security?; U.S. Weapons of Terror, the Global Proliferation Crisis; Paths to Peace; and Rule

of Power or Rule of Law?; An Assessment of U.S. Policies and Actions Regarding Security-Related Treaties. He is also the author of *The Legality of Threat or Use of Nuclear Weapons: A Guide to the Historic Opinion of the International Court of Justice* and has published many other articles in journals and newspapers. Dr. Burroughs is an Adjunct Professor of International Law at Rutgers Law School, New Jersey Newark and earned a J.D. and PhD from the University of California at Berkeley.

Sandra Ionno Butcher

Sandra is the Executive Director of the Pugwash Conferences on Science and World Affairs. She also serves as a Council member and director of the Pugwash history project. She has served in various advisory capacities for Thinkers' Lodge, currently as a board member of the Thinkers' Lodge Society. Sandy previously served as Senior Program Coordinator of Pugwash (international), Joint Executive Secretary of the British Pugwash Group, and a consultant for the International School on Disarmament and Research on Conflicts (Italian Pugwash). She also served as interim research director and senior analyst for the British American Security Information Council, where she specialized on nuclear weapons issues, the arms trade and European security. She first became involved with the Pugwash network through Student/Young Pugwash. She has an M.Litt. in strategic studies from the University of Aberdeen in Scotland and a BA in history from Colgate University. She is currently a Research Associate at the Centre for International Studies and Diplomacy, SOAS, University of London.

Poul-Erik Christiansen

Poul-Erik Christiansen is a PhD candidate at the School of Political Studies, University of Ottawa. His thesis investigates how track 2 diplomacy dialogues (such as Pugwash) function. He is a member of the Board of International Student/Young Pugwash, a project consultant to the Pugwash Conferences on Science and World Affairs, and a research assistant to the Ottawa Dialogue Track 2 Diplomacy project.

Robin Collins

Robin is an Executive Member, World Federalist Movement - Canada and advocates for progressive UN reform, and improved institutions for global governance, including the International Criminal Court, Responsibility to Protect, and a permanent standing UN Emergency Peace Service (UNEPS). He has been involved in disarmament campaigns, primarily for nuclear weapons, antipersonnel landmines and cluster munitions. He had worked within telecommunications, electronics and beam microscope industries for over thirty years.

Phyllis Creighton

Editor, ethicist, and author, Phyllis Creighton was on Project Ploughshares executive and board for nine years and on the Science for Peace board for two decades, representing it on the Canadian Network to Abolish Nuclear Weapons and the Hiroshima Day Coalition. She was a citizen diplomat in the Toronto/Volgograd initiative which led to Toronto becoming a sister city of that Russian city (Stalingrad). A speaker at the World Conference Against Atomic and Hydrogen Bombs in Hiroshima and Nagasaki in 2001 and 2005, she was on Veterans Against Nuclear Arms steering committee and speaks out in its film Veterans Against Nuclear War. For more than 30 years she has worked for abolition of nuclear weapons and war, justice, human rights, and care of Earth and the web of life. A member of the Canadian Pugwash Group since 2004, she helped plan the joint CPG/SfP Global Issues Project, including on it space weaponization roundtable.

Bev Tollefson Delong

A graduate of Queen's University Law, after practicing law for 11 years, Bev began directing her time to public education and advocacy concerning the risks posed by nuclear weapons, with attention to the laws affecting the use or threat of use of nuclear weapons. She is a founder and Executive Member of Project Ploughshares Calgary, served as President of Lawyers for Social Responsibility from 1991 to 2010, participated in the Steering Committee for Mines Action Canada and the World Court Campaign (Canada). She has served as Chairperson of the Canadian Network to Abolish Nuclear Weapons since 1998. Bev is a member of the Board of the Canadian Pugwash Group and provides assistance to Canadians for a Nuclear Weapons Convention.

Walter Dorn

Walter Dorn is a Professor of Defence Studies at the Royal Military College of Canada (RMC) based at the Canadian Forces College (CFC). He serves as Chair of the RMC Master of Defence Studies Programme. He is also Vice Chair of Canadian Pugwash, an organization of physical, life and social scientists seeking to reduce threats to global security. He teaches officers of rank major to brigadier-general from Canada and a score of other countries at CFC. He specializes in arms control, peace & stability operations, just war, international law, enforcement, the United Nations and international security generally. As an "operational professor" he participates in field missions and international organizations. For instance, he was a UN Electoral Officer for the 1999 referendum in East Timor and in 2010 he was a Visiting Professional with the International Criminal Court (ICC) in The Hague. He has also been a consultant to the UN's Department of Peacekeeping Operations, including on the UN's Expert Panel on Technology and Innovation in UN Peacekeeping.

Michael Duguay

Michel Duguay is a nuclear physicist teaching in the Department of electrical and computer engineering at Laval University in Québec City. He obtained a BS in physics at the University of Montreal and a PhD in nuclear physics at Yale University in 1966. In the periods 1966-1974 and 1977-1987 he worked in research at AT&T Bell Labs in New Jersey. From 1974 until 1977 he worked at the Sandia National Labs in Albuquerque, New Mexico, on a project related to antiballistic missiles using high-power laser beams. He joined the US nuclear disarmament movement in 1984 and Laval University in 1988. Michel has written about the nuclear weapons implications of the Germanwings deliberate airliner crash on 24 March 2015.

David Fleming

David Fleming completed his Ph.D. in Medical Physics at McMaster University. Following a post-doctoral position at McMaster, he took up a position as Assistant Professor in the Department of Biomedical Technologies at the University of Vermont. In 2002, David was appointed as the Canada Research Chair in X-ray Fluorescence Medical Physics at Mount Allison University. David is an Adjunct at Dalhousie University, McMaster University, and the University of Prince Edward Island. He has served as the Chair of the Division of Medical and Biological Physics of the Canadian Association of Physicists, and just completed a term as Head of the Physics Department at Mount Allison.

Kelly Ann Foran

Kelly is from Pembroke, Ontario and going into her fourth year in Honours Mathematics/Physics at Mount Allison University. She is currently working for the second summer as a research student in the Medical Physics Lab at Mount Allison. After graduation, she plans on attending graduate school in physics and hopes to have the opportunity to encourage other young women to consider a career in the STEM fields, particularly physics.

Marius Grinius

After 12 years of service in the Canadian Army Marius joined the Canadian foreign service in 1979. His overseas postings included NATO (1986-90) and Ambassadorships to Vietnam (1997-99), South Korea (2004-07) and concurrently North Korea (2005-07) and finally to the United Nations and the Conference on Disarmament in Geneva (2007-11). He served as Director-General for International Security Policy in the Department of National Defence before retiring in late 2012. Currently he is a fellow at the Canadian Defence and Foreign Affairs Institute and a member of the Board of Directors at the Royal Military Colleges Club of Canada.

Chris Groskopf

Chris is an undergraduate student from Mississauga, Ontario, and will be entering his third year at Mount Allison University in September. He is currently working toward a Bachelor of Science in Aviation, with a minor in Physics, and plan to graduate in 2017. This summer he has been working as a student researcher for Dr. David Fleming, in Mount Allison Universities Physics Department.

Emma Hansen

Emma Hansen is a third-year physics and philosophy student at the University of Toronto. In 2014, Emma served as the Disarmament and Demilitarization Intern with Pax Christi International in Brussels, and she is now the organization's youth representative to the UN. In Toronto, Emma created the Polanyi Conference on Science and Social Responsibility, an annual forum for discussion on issues at the intersection of science and society. She is also involved with Science for Peace.

David Harries

David Harries is the current Chairperson of Canadian Pugwash Group. He was educated as a nuclear engineer; he has worked in the public and private sectors as a senior military officer, as a consultant in personal and corporate security, and as a senior advisor and professor in heavy engineering, national development, humanitarian aid, post-conflict/post-disaster response and recovery, executive development and university education.

He is currently based in Kingston, Canada from where he does research, curriculum development, teaching and facilitation of strategic foresight focusing on the family of five security domains, comparative civil-military relations, aboriginal entrepreneurship, leadership and leadership, human security engineering and society resilience. He is most interested in the dynamics of the relationships among significant actors (individuals, organizations and societies) and how they are governed by their biases, assumptions and interests as influenced by current events and trends. Six years (1996-2002) were spent based in Jakarta and Singapore and working throughout Asia. From 2004 to 2008 he ran one of the three MA programmes at the Royal Military College of Canada (RMC). David Harries is a Canadian who has lived in 20 countries and paid between 1 and 20 working visits to another 93.

David heads the Canadian Pugwash Foresight Committee, is a Fellow of the World Academy of Art and Science, a member of the Board of Directors of the Global Initiatives Project and Proteus Canada, head of the Leadership and Management community of IdeaConnector.net, Associate Executive Director of Foresight Canada, and Assistant Coach of the RMC varsity rugby team.

Michael Hurley

Michael Hurley is Deputy Head of Mission at the Embassy of Ireland in Ottawa. Before his assignment in Canada he was Deputy Director for Disarmament and Non-Proliferation at the Department of Foreign Affairs and Trade in Dublin (2011-2014). In this role he focussed mainly on nuclear disarmament and non-proliferation issues and was part of the Irish team that acted as coordinators of the New Agenda Coalition from January to June 2014. He was previously assigned to the Netherlands, where he was Deputy Head of Mission at the Irish Embassy in The Hague and, concurrently, Deputy Permanent Representative to the Organisation for the Prohibition of Chemical Weapons (2006-2011).

Cesar Jaramillo

Cesar Jaramillo, Executive Director, Project Ploughshares, has spent the past six years as a Program Officer, working on such areas as nuclear disarmament, outer space security and conventional weapons control. He graduated from the University of Waterloo with an MA in global governance and has undergraduate degrees in political science and journalism. Previously Cesar held a Fellowship at the Centre for International Governance Innovation (CIGI). He has addressed the United Nations General Assembly First Committee on Disarmament and International Security, the UN Committee on the Peaceful Uses of Outer Space, the UN Conference on Disarmament, and meetings of states parties to the NPT. His commentaries are featured in the *Globe and Mail*, *Toronto Star*, *Embassy* and newspapers abroad; and he has been interviewed by broadcasters Al Jazeera, CBC Radio Canada International, and Global News.

Martin Larose

Martin Larose started his career with the Department of Foreign Affairs, Trade and Development Canada in 2006 and developed significant experience in the area of civilian crisis management and elections observation missions. In 2008, he became Deputy Director (Policy) with the Global Partnership Program, where he was responsible, amongst other things, for organizing Canada's participation at the Washington, Seoul and The Hague Nuclear Security Summits. Since September 2013, Mr. Larose is Deputy Director for Nuclear Non-Proliferation, Arms Control and Disarmament issues. He has been the head of Canadian delegations at Global Partnership Working Group, G7 Non-Proliferation Directors' Group and Nuclear Security Summit experts meetings. Mr. Larose obtained a Ph.D. from *Université de Montréal* (2005), and completed a postdoctoral fellowship with the *Philipps-Universität Marburg* (Germany, 2004-06) while focusing his research on German foreign and defence policies. Mr. Larose speaks French, English and German.

Dennice Leahey, C.M.

Dennice Leahey, from Edmonton, Alberta, has a BA from Mount Saint Vincent University, Halifax, Nova Scotia. She started in banking as a junior clerk rising through RBC's Human Resources, Corporate Banking and Independent Business to be Regional President of Manitoba, Nunavut and North-western Ontario, retiring as Senior Vice President and Ombudsman for the organization's employees and customers world-wide.

Volunteering throughout her career, she sat on Hospital, University, College, Aboriginal, Government, Cultural Institution and Community Boards and is currently Chair of Symphony Nova Scotia and is a director of 5 other Non-profit organizations. As recognition of her community activities she was awarded The Eagle Feather by the Aboriginal Council of Winnipeg, Woman of the Year by the Winnipeg YWCA and Honourary Citizen of Winnipeg. In June 2005 she was named a Member of the Order of Canada, in 2012 received the Queen's Diamond Jubilee Medal and in 2014 received an Honorary Doctorate in Human Letters from Mount Saint Vincent University.

Macha MacKay

Retired after many years as a Registered Psychologist in Nova Scotia. As a Peace Activist, Macha is a "Raging Granny" and a long-term member of Canadian Voice of Women for Peace. Past-President of Match International and The Women's Health Education Network. Currently serving on the Steering Committee of The Canadian Network to Abolish Nuclear Weapons.

Alexa McDonough

Alexa McDonough, social worker, former Nova Scotia NEW DEMOCRATIC PARTY (NDP) leader, former federal NDP leader. McDonough announced her retirement as party leader in June 2002. She was re-elected to her riding again in 2004 and 2006, serving in the shadow cabinet as the NDP Foreign Affairs and International Development critic. She announced her retirement from politics in 2008. In 2009 she was appointed to a 1-year term as interim president of Mount Saint Vincent University, and later that year she was made an Officer of the Order of Canada.

Peggy Mason

Peggy Mason, a former Canadian Ambassador for Disarmament to the UN (1989-1995), In 1994-1995 Mason chaired a UN Expert Study that inter alia examined the work of the UN Special Commission (UNSCOM) and the IAEA in relation to disarmament in Iraq after the first Gulf War. She served on the UN Secretary-General's Disarmament Advisory Board from 1993 to 1997. In 1998 and 1999 Ambassador Mason worked with the UN Department of Peacekeeping Operations (DPKO) to develop UN principles for the programmes for the disarmament, demobilization and reintegration (DDR) of ex-combatants. Ms. Mason later chaired a UN Expert Study on small arms regulation and was an Advisor to the Canadian delegation to the 2001 UN diplomatic conference which negotiated the Programme of Action on small arms and light weapons. Peggy was an external faculty member of the then Pearson Peacekeeping Centre, and a Senior Fellow at the Norman Paterson School of International Affairs (NPSIA) at Carleton University in Ottawa. From its inception in 2005 until its closure in 2012, she chaired the Advisory Board for the Canadian Centre for Treaty Compliance at NPSIA.

Peggy is currently serving as the President of the Rideau Institute on International Affairs, an independent advocacy and research think tank that focuses on foreign and defence policy, its aim is to restore Canada's reputation for innovative, constructive multilateralism, and strengthening the United Nations and the international rule of law.

Peter Meincke

Peter Meincke graduated from the Royal Military College of Canada, obtained a degree in Engineering Physics from Queen's University Kingston and a Master's and Ph.D. from the University of Toronto in Low Temperature Solid State Physics. He received an honorary Doctorate from RMC and Queen's Jubilee medals in 2002 and 2012.

From 1967 to 1972, he was at University of Toronto, was appointed Associate Dean for Science in 1969 and, in 1972, was appointed as a vice-provost of the University of Toronto. He also taught a graduate course called "The Future of Information Systems and Services" in the Faculty of Library Science. He continued to be concerned about the role of technology in society and the need for "appropriate" technologies led him to resign from 1978 – 1985 he was President of the University of Prince Edward Island. In 1985, he attended the National Defence College of Canada for a year where he wrote a paper on Peacekeeping and Conflict Resolution, the Keys to Canadian Foreign and Defence Policies.

He joined Pugwash in 1972 and gave a paper on "Appropriate Technology-Definition by Example". "The need for an International Office of Technology Assessment" was presented at the Pugwash Conferences in Seoul, 2004. He served as President and Chairman of the Board of the Institute of Man and Resources from 1979-82. He continues to serve on a number of volunteer organizations and is past president of the Ottawa Branch of the Royal Commonwealth Society.

Paul Meyer

Paul Meyer is Senior Fellow in Space Security and Nuclear Disarmament at The Simons Foundation, as well as Fellow in International Security at the Centre for Dialogue, Simon Fraser University in Vancouver, Canada. Paul Meyer retired in 2010 from Canada's Foreign Service after a 35 year diplomatic career. He served in Oslo, Moscow and Brussels where he was Political Counsellor in Canada's delegation to NATO. From 1992-97, he served at the Embassy in Washington D.C. as Minister-Counsellor and from 2001-2003 as Minister and Deputy Head of Mission at the Embassy in Tokyo. In Ottawa.

From 2003 to 2007 Mr. Meyer served as Ambassador and Permanent Representative to the UN and Conference in Disarmament in Geneva. In Ottawa, Mr. Meyer held a variety of positions at the Department of Foreign Affairs and International Trade, including as Director General of the International Security Bureau (1998-2001) and of the Security and Intelligence Bureau (2007-2010)."

Michael Reno

Michael is from Halifax, Nova Scotia and has recently completed third year at Mount Allison University. In the fall he will be starting his fourth and final year, intending to graduate with a Bachelor in Science, Honours in Physics. Throughout this summer he has been working as a summer research student at Mount Allison's Medical Physics Lab. He has always been intrigued by science in general, but ended up leaning towards physics because he felt like it investigated so much about the world around us, and it encourages me to think in a variety of different ways.

Sergei Plekhanov

Sergei Plekhanov, Secretary of the Canadian Pugwash Group, is Associate Professor of Political Science at York University. Former Deputy Director of the Institute of USA and Canada at the Russian Academy of Sciences in Moscow, he served as an advisor to Soviet leader Mikhail Gorbachev. His area of expertise includes US-Russian relations and issues of arms control and disarmament.

Shane Roberts

As an intelligence analyst and futurist, Shane Roberts spent 30 years advising the Canadian government and allies on international affairs before retiring in 2013. He is continuing his work on global trends (notably on risk of complex crises and disasters - human-made and natural) with the United Nations Association and other NGOs, as well as lecturing to the public and expert audiences on strategic foresight for pan-spectrum security and emergency management.

The Hon. Douglas Roche, O.C.

The Hon. Douglas Roche, O.C., is an author, parliamentarian and diplomat, who has specialized throughout his 35-year public career in peace and human security issues. He lectures widely on peace and nuclear disarmament themes. Mr. Roche was a Senator, Member of Parliament, Canadian Ambassador for Disarmament, and Visiting Professor at the University of Alberta. He was elected Chairman of the United Nations Disarmament Committee at the 43rd General Assembly in 1988.

The author of 21 books. His latest is *Peacemakers: How People Around the World are Building a World Free of War* (Lorimer, 2014). His memoirs, *Creative Dissent: A Politician's Struggle for Peace* was published by Novalis in 2008. A previous book, *The Human Right to Peace* (Novalis, 2003), was the Canadian Book Review Annual Editor's Choice scholarly selection for July-August 2005. He has contributed chapters to 20 additional books.

Mr. Roche holds eight honorary doctorates from Canadian and American universities and has received numerous awards for his work for peace and non-violence, including the Mahatma Gandhi Foundation for World Peace Award (Canada) and the United Nations Association's Medal of Honour. In 1995, Pope John Paul II presented him with the Papal Medal for his service as Special Adviser on disarmament and security matters, and in 1998 the Holy See named him a Knight Commander of the Order of St. Gregory the Great. He received the 2003 Peace Award of the Canadian Islamic Congress and the 2005 Luminosa Award for Unity from the Focolare Movement, North America. In 2005, he was given Lifetime Achievement awards from both the Canadian Pugwash Group and the Nuclear Age Peace Foundation. In 2009, he received the Distinguished Service Award of the Canadian Association of Former Parliamentarians for his "promotion of human welfare, human rights and parliamentary democracy in Canada and abroad." He is an Officer of the Order of Canada.

Randy Rydell

Randy Rydell was Senior Political Affairs Officer in the Office of Ms. Angela Kane, the UN's High Representative for Disarmament Affairs, retiring in 2014. He was Team Leader of the office's Strategic Planning Unit. He served from January 2005 to June 2006 as Senior Counsellor and Report Director of the Weapons of Mass Destruction Commission (Blix Commission) and Senior Fellow at the Arms Control Association in Washington, D.C. He joined the UN secretariat in 1998, where has served as an adviser to Under-Secretary-General Jayantha Dhanapala and his successors, Ambassadors Nobuyasu Abe and Nobuaki Tanaka, and Sergio Duarte. He has also served as Secretary of the Secretary-General's Advisory Board on Disarmament Matters (2001) and as a Visiting Lecturer at Princeton University's Woodrow Wilson School (September 1998 to February 1999, and September 2009 to January 2010). He received the "Unsung He-

roes" award in 2009 from the Center for Non-Proliferation Studies at the Monterey Institute for International Studies.

Dr. Rydell worked for Senator John Glenn between 1987 and 1998 as a member of the Professional Staff of the Committee on Governmental Affairs of the United States Senate. He assisted in the drafting and subsequent enactment of the Nuclear Proliferation Prevention Act of 1994 and other legislation. He also served as a staff member of the Senate's Arms Control Observer Group. He was an international political analyst at the Lawrence Livermore National Laboratory from 1980 to 1986, where he studied problems related to the global spread of nuclear weapons. He worked as a post-doctoral fellow at the Center for Science and International Affairs at the John F. Kennedy School of Government at Harvard University from 1979 to 1980. He received a B.A. in Government and Foreign Affairs from the University of Virginia (1973), an M.Sc. in International Relations at the London School of Economics and Political Science (1974), an M.A. in Political Science from Princeton University (1977), and a Ph. D. in Political Science from Princeton (1980).

Erika Simpson

Erika Simpson is an Associate Professor of International Relations in the Department of Political Science at Western University in London, Canada where she teaches undergraduate and graduate courses on international relations, international security and global violence. As the former vice-chair of Pugwash Canada, Erika has spent the past fourteen years serving Pugwash as a volunteer, working on such program areas as nuclear disarmament, nuclear weapon free zones, peacekeeping and conventional weapons control. She is a regular columnist for Post Media, Canada's largest newspaper chain and a frequent commentator on CTV National. She is author of the book, *NATO and the Bomb* (McGill-Queen's) and many book chapters, journal articles and opinion pieces available on her website and blog. She has served as a lecturer to the Canadian Forces College in Toronto, a rapporteur for the Middle Powers Initiative, a cofounder of the Lester B. Pearson Peacekeeping Training Centre and a committee member for Parliamentarians for Nuclear Non-Proliferation and Nuclear Disarmament (PNND). Formerly Erika was a Visiting Fellow at the Liu Institute at UBC, an Alton Jones Fellow at City University, as well as a NATO Fellow.

Chris Shawn Ware

Chris was born in Calgary Alberta, and is currently attending Mount Allison university. He is pursuing a degree in Honors physics working with Dr Fleming in the medical physics department.