

Fusion Energy Council of Canada

Nominating Committee Report

Nominating Committee

Allan Offenberger (Past President)

Glenn Stowkowy (President)

Nominations (2020-2021):

Executive members:

Brad Anderson – President

Brian Kryska – Vice-President

Abra Mueller – Secretary

Glenn Stowkowy – Past President

Jean-Francois Beland – Vice-President

Kirk Michaelian – Treasurer

Continuing Board members (8) – brief biographies follow:

Brad Anderson

Mark Brostrom

Christopher Holly

Brian Kryska

Kirk Michaelian

Rick Phaneuf

Glenn Stowkowy

Ying Tsui

New Board members (7) – brief biographies follow:

Jean-François Béland

Will Bridge

Blair Bromley

Abra Mueller

Andranik Sarkissian

Chijin Xiao

OPG (pending OPG legal decision)

Board "Members-at-Large" (6):

Robert Fedosejevs

Fraser Forbes

Perry Kinkaide

Allan Offenberger

Klaas Rodenburg

Axel Meisen

Executive Nominations

President

Brad Anderson, B.Sc, P. Geol.

Brad Anderson is Strategic Advisor (Government and Corporate Relations) to Dean Forbes, Faculty of Engineering, University of Alberta and has been in this role for 4 years. Brad is also a consultant in the mining industry in Alberta.

Prior to coming to the Faculty of Engineering Brad led both the Alberta Chamber of Resources and the Construction Owners Association of Alberta for 16 years. These sister organizations provide leadership for the orderly and responsible development of Alberta's natural resources and the heavy industrial construction that enables that development.

Brad is a professional geologist and is a member of the Association of Professional Engineers and Geoscientists of Alberta. He has also worked for the Alberta Research Council, Alberta Oil Sands Technology and Research Authority and the Alberta Department of Energy.

Brad is a board member of the Fusion Energy Council of Canada and was previously Chair of the Biorefining Conversion Network, Faculty of Agricultural, Life and Environmental University of Alberta. He also served on the board of Alberta Distance Learning Centre.



Past President

Glenn Stowkowy, B.Sc, P.Eng

Glenn Stowkowy received his degree in Electrical Engineering from the University of Alberta and since graduation has worked as an electrical engineering consultant as a professional engineer in Alberta, British Columbia, Saskatchewan, Yukon Territory, Northwest Territories and Nunavut. Glenn previously served as the representative for Alumni Council on the University of Alberta Board of Governors. He is Past-President of the University of Alberta Alumni Association and a former Senator of the University. He is currently a Director, University of Alberta Property Trust Inc.

Glenn was Vice President at Stantec and Senior Principal at AES Engineering. Over his 40-year career, Glenn has been the electrical engineer of Record on numerous notable projects including Rogers Place Arena, Stantec Tower, JW Marriott Edmonton Hotel, Edmonton International Airport Redevelopment, Mazankowski Alberta Heart Institute, Calgary International Airport, National Institute for Nanotechnology, MacEwan University Robbins Health Learning Centre and more.

He has served on a number of professional and community organizations including the Canadian Healthcare Engineering Society, the Illuminating Engineering Society, a coach with the St. Albert Minor Hockey Association and a referee with Hockey Alberta.



Vice-President

Brian Kryska, B.Sc, P.Eng

Brian Kryska currently serves as CFO on the board of Fusion Energy Council of Canada. Mr. Kryska has arranged mergers, acquisitions and financing deals in excess of \$200 million and has led due diligence, negotiation, legal, mediation teams and has secured funding for commercialization of advanced energy technologies. His acquisition work included petrochemical plants and industrial projects. He partnered in an international OCTG (Oil Pipe) distribution company doing \$70 million. Mr. Kryska has provided business re-engineering, product commercialization and has demonstrated efficacy in cost management and maximizing ROI. He garners a combined proficiency in finance, business, engineering and physics.

As the founder and CEO of Aerotek Engineering (in 1981), Mr. Kryska brought new technologies to market and authored four patents. He has also held executive positions in research management and product commercialization. Mr. Kryska graduated from the University of Alberta in 1975 with a Bachelor of Science degree in Electrical Engineering. He has completed additional graduate studies in Engineering and Business Administration at the UofA and at Carlton in Ottawa. Mr. Kryska has served on numerous boards. He lives in Sherwood Park, Alberta with his wife Monica and four children.



Vice-President

Jean-François Béland, B.Sc, M.Sc, MBA

Jean-François is Vice President Strategy and Corporate Affairs at General Fusion, the world's most commercially advanced private fusion energy venture. Previously, Mr. Béland was Vice President Corporate Strategy at Carbon Engineering.

From 2007 to 2015, he worked at AREVA S.A. in Paris and AREVA Canada Inc. in Toronto, serving as Executive Vice President at AREVA Canada Inc. from 2010- to 2015. Prior to that time, Mr. Béland worked in the Canadian public service and in the Office of the Prime Minister of Canada, where he served as a Policy Advisor on Treasury Board and Governance issues.

Mr. Béland is a graduate of the Université de Montréal (B.Sc.) and holds an MBA from Bordeaux KEDGE Business School, an MPA from l'Ecole nationale d'administration publique (ENAP) and an M.Sc. Strategic Management from l'Université Paris IX Dauphine.

In December 2013, Mr. Béland was appointed Knight of the National Order of the Legion of Honour. He is a member Innovation Advisory Council of the Governor General of Canada, and provides his perspectives on environment and cleantech issues in a monthly program for Ici Radio-Canada Première.



Secretary

Abra Mueller, B.Sc

Abra received a B.Sc. in Public Health from the University of Colorado where she also worked as a program coordinator and co-taught Business Ethics at the CU Denver Business School. She is currently pursuing a second bachelor's degree in electrical engineering, while working for the capital projects and engineering department at The Canadian Nuclear Laboratories.

Abra's professional experience includes serving as a Vice President of Education on the Board of Directors of St. Anthony's Hospital and Medical Campus, (Denver, Colorado), an executive committee member for IEEE's Power Energy and Industrial Application Society (Alberta, Canada), a board member for The Society for the Preservation of Canada's Nuclear Heritage (Ontario, Canada), and as a Communications Officer for The Association of Professional Engineers of Ontario.

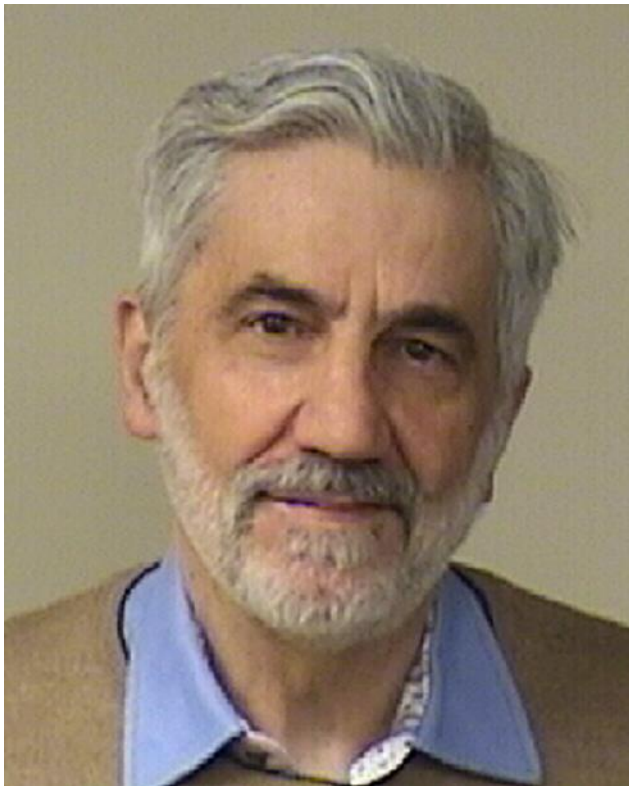
Abra is passionate about electromagnetics, biking, gardening and skiing.



Treasurer

Kirk H. Michaelian, Ph.D.

Kirk H. Michaelian received his PhD in Chemical Physics from Simon Fraser University. After graduation he worked as a postdoctoral fellow at the University of Toronto and as a research associate at the University of Alberta. Kirk was then employed as a Research Scientist at Natural Resources Canada for 37 years, where his research focused on instrumentation and signal recovery in photoacoustic and Raman spectroscopy. He is currently an emeritus scientist with the same department. Kirk is an Honourary Fellow at the Canadian Light Source in Saskatoon, and an adjunct professor at the University of Toronto and the University of Calgary. He is the author of more than 175 journal articles and two books on spectroscopy.



Board Nominations

Will Bridge, B.Eng., ICD.D

Will is an experienced power industry executive and corporate director with a track record of infrastructure investment in domestic and international markets including Canada, the U.S., Mexico, Australia, Chile, and the UK.

Mr. Bridge is originally from British Columbia where he earned a degree in Electrical Engineering from the University of Victoria and began his career trading power in the Western U.S. for BC Hydro's subsidiary Powerex.

With the opening of the power market in Alberta in 1996, Mr. Bridge moved to Calgary and through his career, worked on the executive teams of both ATCO Power and TransAlta Corporation in a variety of positions including Executive Vice-President, Generation Technology & Procurement; Executive Vice-President, Business Development and Chief Technology Officer.

Mr. Bridge is a holder of the Institute of Corporate Directors Director designation and currently serves as Board Chair for the Alberta Electric System Operator; Vice-Chair of the Board for Calgary Housing Company, an Alberta based affordable housing company; and Board Director for the Fusion Energy Council of Canada.

In addition to his current roles, he has held board positions with the Canadian Electricity Association, the Alberta Chamber of Resources, the Association of Power Producers of Ontario, and is past Chair of PaceKids School for Children with Motor Disabilities.



Blair P. Bromley, PhD

Blair is a Fellow of the CNS and is the current chair of the Fusion Energy and Accelerator Science and Technology Division of the Canadian Nuclear Society (CNS-FEASTD), since 2010. He has a B.A.Sc. in Mechanical Engineering (University of Toronto, 1993), a M.S. degree in Aerospace Engineering (University of Illinois, 1998) and a PhD. in Nuclear Engineering (University of Illinois, 2001). Dr. Bromley has been employed as a Reactor Physicist with Atomic Energy of Canada Limited (AECL), Chalk River Laboratories (2003-2014), and Canadian Nuclear Laboratories (CNL) (2014-present). He also has prior work experience at Brookhaven National Laboratory (BNL) (2001-2003), and Los Alamos National Laboratory (1994-1998). Dr. Bromley has served multiple volunteer roles in various divisions and committees within the Canadian Nuclear Society, the American Nuclear Society (ANS), and Women-in-Nuclear, Eastern Ontario Chapter (WiN-EO). More information about Dr. Bromley's profile and research contributions can be found on LinkedIn.com, and also ResearchGate.com.



Mark Brostrom, P. Eng.

Mark Brostrom received his Bachelor of Science in Mechanical Engineering from the University of Alberta in 1984 and worked in the private sector prior to joining the City of Edmonton in 1990. Since joining the City of Edmonton in 1990 Mark has worked in the area of environmental and energy policy and programs. Mark is currently leading the City Environmental Strategies Section which is implementing Edmonton's Community Energy Transition Strategy and Edmonton's Adaptation and Resilience Strategy that provide frameworks for Edmonton a low carbon and climate resilient city. Mark is an Alberta Energy Futures Lab Fellow, a Board member on the Alberta Water Council, the Alberta Emerald Awards Foundation and ICLEI Canada. In 2010, Mark received the FCM Sustainable Community Award of Excellence and in 2013 received the Queen's Diamond Jubilee Medal for his long-standing commitment to advancing municipal sustainability.



Rick Phaneuf, B.Sc.

Rick Phaneuf has Bachelor Degrees in Chemical Engineering from the University of Saskatchewan and Education from the University of Regina. He worked in private industry in Manitoba, Saskatchewan, and Alberta. He currently works for the Government of Alberta in Edmonton. He has served on the executive of several engineering, education, sports, and community organizations.



Andranik Sarkissian, Phd, PPhys.

Andranik is the president and CTO of PLASMIONIQUE Inc, a Canadian company specialized in design and fabrication of Plasma, Vacuum and Laser based systems for Advanced Surface Engineering and Nanomaterials Synthesis. Prior to founding PLASMIONIQUE in 1999, Dr. Sarkissian was an associate professor at Institut national de la recherche scientifique, division of énergie et matériaux (INRS-EM), where he initiated Canadian research program on Plasma-Based Ion Implantation for applications to surface engineering. Concurrently he was a scientific member of CCFM, the former Canadian national research centre for Nuclear Fusion, from 1990 to 1999, where he was responsible for development of several diagnostics for Tokamak de Varennes, and pursued his scientific research on physical processes related to plasma confinement in Tokamak reactors, plasma turbulence, plasma-wall interactions and impurity transport. Dr. Sarkissian received his MSc in 1981 from North London Polytechnique in UK, on Physical Basis of Electronics, his PhD in 1988 from the University of Saskatchewan in Plasma Physics and Thermonuclear Fusion, and his MBA in Innovation Strategy from McGill University in 2001. He is an accredited Professional Physicist, and an active member of Canadian Association of Physicists, where he also served as director of Corporate Members, for two terms, and currently serves on scientific advisory group of NSERC Green Surface Engineering and Advanced Manufacturing (Green SEAM) Network. He is also the Canadian member of International Union for Pure and Applied Physics (IUPAP) – Physics and Industry working group. Dr. Sarkissian has been author and co-author of numerous scientific publications related to nuclear fusion, plasma surface engineering and nanomaterial synthesis and their applications.



Ying Tsui, PhD

Ying Y. Tsui is a professor and the Associate Dean of Research and Internationalization in the Faculty of Engineering at the University of Alberta. He has been a Guest Scientist at the Lawrence Livermore National Laboratory and the SLAC National Accelerator Laboratory. His research focuses on laser matter interactions, warm dense matter, high energy density physics and inertial confinement fusion. He has held positions of Chair for the Division of Plasma Physics of the Canadian Association of Physicists and Associate Editor (Plasma Physics) for the Canadian Journal of Physics. He also has organized international conferences including as Chair for the International Conference on Plasma Science in 2016 and Chair for the International Workshop on Warm-Dense-Matter in 2017. He has published over 150 scientific articles, given over 50 invited talks and contributed to over 200 conference presentations.



Chijin Xiao, PhD

Chijin obtained his B.Sc. and M.Sc. degrees from the University of Science and Technology of China, Hefei and the Doctor of Natural Science degree from the Ruhr-University Bochum, Germany, all specializing in Plasma Physics. He joined the Plasma Physics Laboratory at the University of Saskatchewan, first as a Postdoctoral Fellow and then as a Research Associate before joining the faculty of the Department of Physics and Engineering Physics at the University of Saskatchewan. Dr Xiao is currently a tenure full professor at the University of Saskatchewan.

Dr. Xiao's research interests have been in plasma physics and engineering for fusion research and industrial applications, particularly in plasma production and diagnostics. Over his career, Dr. Xiao has worked on a variety of plasma devices including the STOR-M tokamak, compact torus injectors, dense plasma focus, RF and microwave plasma devices. Dr. Xiao has trained many HQPs including Ph.D. and M.Sc. students, PDFs and a research engineer. Dr. Xiao was one of the main contributors to the Fusion 2030 document. Dr Xiao is currently the principal investigator for the STOR-M tokamak.

