



**THE UNIVERSITY OF BRITISH COLUMBIA**  
**Faculty of Applied Science**

**MEMBER BIOS**  
**FACULTY OF APPLIED SCIENCE**  
**DEAN'S ADVISORY COUNCIL**

**April 2018**





THE UNIVERSITY  
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# Faculty of Applied Science Dean's Advisory Council

APRIL 2018 MEMBER BIOS

## Mr. Larry Beasley

CM, BA, MA, Hon LLD, FCIP, RPP



Professor Larry Beasley is the retired Co-Chief Planner for the City of Vancouver. He is the founding principal of Beasley and Associates and the 'Distinguished Practice' Professor of Planning at the University of British Columbia School of Community and Regional Planning and also sits on the Board of TransLink. He holds degrees in Geography (BA), Political Science (BA) and Planning (MA). He was also awarded two Honorary Doctorate Degrees (Hon LLD), from Simon Fraser University and Dalhousie University.

He is Senior Advisor on Urban Design in Dallas, Texas, where he founded their Urban Design Studio. He is a member of the International Economic Development Advisory Board of Rotterdam in The Netherlands. He is also Special Advisor on City Planning to the Government of Abu Dhabi, leading the design of a number of cities and towns, including a new national capital.

He is the former chair of the 'National Advisory Committee on Planning, Design and Realty' of Ottawa's National Capital Commission. He is a Fellow of the Dallas Institute and sits on the Board of the Canadian Urban Institute. He is a Fellow of the Canadian Institute of Planners, an Honorary Member of the Canadian Society of Landscape Architects and has been recognized as an "Advocate for Architecture" by the Royal Architectural Institute of Canada. In 2007, he received the Kevin Lynch Prize from the Massachusetts Institute of Technology.

In 2016, he received the Applied Sciences Dean's Medal of Distinction at the University of British Columbia.

Larry Beasley is also a Member of the Order of Canada and has received the Queen Elizabeth II Diamond Jubilee Medal.





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## Dr. Stephen Burges



Stephen (Steve) Burges completed his undergraduate degrees at the University of Newcastle, Australia, graduating with a B.Sc. in Physics & Mathematics and a B.E. (Hons. I) in Civil Engineering. He completed his M.S. and PhD in hydrology and water resources engineering at Stanford University.

He spent his academic career at the University of Washington. He retired in 2010 and is currently a Professor Emeritus of Civil & Environmental Engineering. He is a registered Professional Engineer in the State of Washington, a Professional Hydrologist in the American Institute of Hydrology,

and a Diplomate Water Resources Engineer, American Academy of Water resources Engineers. Professionally, he focused on hydrologic and water resources engineering as well as hydrology with an emphasis on the practice of civil engineering in an ecosystem context. He has served in a wide variety of leadership roles in his scientific and professional societies and has also served on numerous U.S. National Research Council committees.

He is a fellow of the American Society of Civil Engineers, the American Geophysical Union, and the American Association for the Advancement of Science.





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## Dr. Amiee Chan

BASc ECE, PhD EE (UBC)



Dr. Chan is President and CEO of Norsat International Inc., which provides communications solutions for remote and challenging applications. Products include satellite systems and components and land mobile radio antennas and RF conditioning products.

Dr. Chan was appointed President in 2006, and under her leadership, Norsat has had consistent growth and won a BC Export Award for Advancing Technology and Innovation. Dr. Chan holds an Executive MBA from SFU, and has previously lent her expertise to NASA's ACTS Terminal Program.





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## Dr. Denis Connor

BASc ECE, MASc ECE, PhD ECE  
(UBC)



Dr. Connor is the former Chairman and Founding CEO of QuestAir, a developer and supplier of proprietary gas purification systems for the biogas and industrial hydrogen sectors. QuestAir was acquired by Xebec, a biogas company, in 2009.

After graduation from UBC, Dr. Connor worked at Bell Labs, and Bell Northern Research on digital video signal processing. In 1976 he joined MDA where he became successively VP Engineering and Exec VP Business Development. During this period MDA developed strong capabilities in system engineering, digital synthetic aperture radar and digital film recorders. He led the Science Council of BC from 1988 to 1990 and established the SPARK process which defined and implemented technology

strategies for both the existing and formative sectors of the BC economy.

He was a founding director of Hydrogen and Fuel Cells Canada and General Fusion, a leader in the magnetized target approach to controlled fusion. He is currently on the Boards of Inventys, which is developing a novel CO<sub>2</sub> flue gas capture technology, and Carbon Engineering, which has a CO<sub>2</sub> direct air capture pilot plant in Squamish.

Denis and his wife, Della, have two children and five grandchildren. The hope is that the climate technologies being developed by the companies mentioned above will help deal with the climate change threat to their futures.





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## **Mr. Andre De Leebeeck**

BASc MECH (UBC)



Mr. De Leebeeck is currently self-employed at De Leebeeck Holdings, Ltd. He was previously Vice President, Corporate Projects, at Athabasca Oil Corporation in Calgary, and has worked in the oil and gas industry for 35 years, including both technical and commercial aspects of the sector. Earlier in his career, Mr. De Leebeeck spent 31 years with Total S.A., where he worked in a number of global locations from the North Sea to Nigeria.

Mr. De Leebeeck has been involved with the Faculty and supporting students at UBC since the late 1970s.

Mr. De Leebeeck is also graduate of the Accelerated Development Program from the London Business School.





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## **Mr. Jerry Dobrovlny**

P.Eng. (UBC), MBA



Jerry Dobrovlny is the General Manager of Engineering Services for the City of Vancouver. In his role he is responsible for the design, construction, operation and maintenance of the city's public works infrastructure and Engineering Services.

Jerry received his civil engineering degree from the University of British Columbia, a Masters of Business Administration from Simon Fraser University, and has worked at the city for 28 years. Jerry also served as a City Councillor for the City of New Westminster for nine years and played professional football in the CFL for five years.





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## Ms. Dianne M. Doyle



Dianne Doyle is the CEO of Providence Health Care since. Dianne began her health care career as a staff nurse and in her multiple roles of clinician, educator and administrator she has always maintained her focus on patient-centered care, quality and safety. With more than 25 years of senior executive experience in health care, Dianne is respected for her commitment to creating a values-driven organizational culture that is people-focused and fosters excellence in care, research and teaching.

Under her leadership, Providence has been recognized with numerous provincial and national awards, including "Canada's 10 Most Admired Corporate Cultures" and "Top Employer for New Canadians."

Dianne is recognized as a champion of faith-based health care provincially and nationally, providing leadership on multiple boards including the Catholic Health Alliance of Canada. She is a fellow of the Canadian College of Health Leaders; a sought-after mentor, a frequent presenter at quality and leadership forums and a member of many provincial and national boards.

Dianne is also active in her community, supporting many non-profit groups with her time and expertise. In 2005 she climbed Mt. Kilimanjaro in support of the Alzheimer Society of BC. In 2007 and 2008, the Women's Executive Network named Dianne as one of Canada's Top 100 Most Powerful Women in the Public Sector.





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## Mr. Dan Doyle



Dan Doyle graduated from UBC in Civil Engineering in 1969. Shortly after that, he joined the British Columbia Public Service and has left a legacy of transportation infrastructure for the province.

In his 36 years with the Ministry of Transportation, Mr. Doyle served across the province in many capacities, with his last assignment being the Deputy Minister for four years.

Under Mr. Doyle's leadership, many large and well-known transportation projects were undertaken. They include: the Asia-Pacific Gateway Initiative; the Sea-to-Sky Highway; and the Okanagan Lake Bridge. He also brought about the rehabilitation of the Lions Gate Bridge in Vancouver.

Mr. Doyle recently served with the Vancouver Organizing Committee for the 2010 Olympic and Paralympic Winter Games as executive vice president for construction. In this role he was responsible for the 580-million-dollar development and

construction of the Games venues.

Mr. Doyle also served as a director of Partnerships BC; a member of the independent panel to review the Greater Vancouver Transportation Authority governance structure; the Chair of Rapid Transit 2000; and a Board member of the Canada Line Corporation.

Mr. Doyle was the Chair of BC Hydro's Board of Directors from 2009 to 2012. He left that position to assume the position of Chief of Staff to Premier Christy Clark, which he held until May of 2016 when he moved into semi-retirement.





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**Mr. Randall (Randy) Findlay**  
BASc CHBE (UBC)



Randy retired as President and Co-Founder of Provident Energy Trust in 2006. During his time at Provident it grew from a market capitalization of \$40M to \$4B. His career spanned over 30 years (20 years as an executive) with TransCanada Energy, NOVA and other oil and gas industry companies.

For the last 10 years he has served as a corporate director of public and private companies. He is a director of Pembina Pipeline-TSX, NYSE (board chair), HNZ

Group-TSX (past board chair), Superior Plus-TSX, SeaNG Energy-private (board chair) and EllisDon Construction-private. His past directorships include BreitBurn Energy-NYMEX (board chair), Provident Energy-TSX, NYSE, Transalta Power LP-TSX, TransCanada Midstream-private and Compton Petroleum- TSX NYSE.

He has been a volunteer in the Not For Profit sector for over 20 years including board positions with the Alberta Children's Hospital Foundation (past chair), Hull Child and Family Services Foundation, Alberta Cancer Foundation, Canadian Mental Health Association-Calgary (past chair) and The RESOLVE Campaign to end homelessness in Calgary (vice chair).

He is a founding member of the 30 Percent Club which promotes women as corporate directors.

His involvement at UBC includes: UBC President's Campaign Cabinet, UBC Applied Science

Dean's Advisory Council, UBC Alumni Association director, and chair of the UBC Okanagan's Engineering Campaign.

He is the proud recipient of UBC Alumni's Volunteer Leadership Award in 2014.

He graduated from UBC in 1973 with a BASc in Chemical Engineering.

He was awarded the designation of ICD.D by the Institute of Corporate Directors in 2014.

He is a Lifetime Member of APEGA and a recipient of a Lifetime Achievement Award from the SPE (Society of Petroleum Engineers) and past National Chair (Canada).

Married to Claudia for 45 years they enjoy their 3 children, 5 grandchildren, 4 granddogs and spend their time between homes in Calgary and Palm Springs.





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**R.A. (Dick) Fletcher**  
**P.Eng. , FEC, FCAE, FGC (Hon)**



Dick Fletcher earned his BSc in civil engineering from the University of Saskatchewan in 1969 and after working for the City of Whitehorse as its first City Engineer, followed a career as a consulting municipal engineer. He has spent the last 32 years with Urban Systems Ltd where he was president of the employee-owned firm from 1998-2001.

Much of his career was involved with Indigenous Communities where he helped negotiate multi-government agreements related to infrastructure, and was responsible for leading implementation. Dick has further been involved with many community and professional organizations, volunteering with:

- Arctic Winter Games (Vice-President 1972)
- City of Kelowna Advisory Design Panel (1984-86)
- APEGBC (Branch, Committees, Council; President 2003-04; 1998 Recipient of R.A. McLachlan Memorial Award; Chair of three Executive Director Search Committees)
- Engineers Canada (Chair Qualifications Board, Chair International Committee, Initiated the international focused committee, President 2008-09)

Dick led Engineers Canada's NAFTA implementation initiative meeting with the

Mexican Government, USA National Engineering Bodies and Texas State Board for Engineers. He also represented Engineers Canada at International boards and negotiated reciprocal agreements with other economies.

In 2004, Dick co-chaired an Okanagan Partnership group of regional engineering and IT industry professionals (ION) who successfully made the case for the establishment of an engineering school at UBCO. He is currently on the UBCO DVC's ECAC and continues as part of industry support for the engineering school.

Dick and his wife Joanie have two grown children: Sharman, certified in Traditional Medicine, and Chad, professional engineer.





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# Faculty of Applied Science Dean's Advisory Council

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## Mr. Gordon Fowler



Mr. Fowler is the Founder and CEO of YUBIQ LLC, a Boston headquartered startup developing virtual reality image capture technologies and services.

Mr. Fowler has over 30 years as CEO of technology start-ups that spans a diverse set of technologies and markets including voice and data communications, SaaS applications and services, nanotech, healthcare IT and consumer goods. In many of these companies he was a founder.

For the past ten years he has been active with MIT's Venture Mentoring Service where he remains involved with their Outreach program supporting 44 sister programs worldwide. In 2105 he was also a founding mentor in the well regarded Canadian Mentoring Service that supports the Boston Consulate's Canadian Technology Accelerator at the Cambridge Innovation Center.

Mr. Fowler holds a BS in Engineering from the University of Saskatchewan and joined Northern Electric after graduating where he was a part of their expansion into the US in the mid 70's. During this time he rose from an engineering position to plant management and VP Operations for the Advance Telephone Products division. He left NorTel to join Bose Corporation in Boston in 1978 where he was VP Operations managing the introduction of products in consumer and automotive electronics and led the expansion of their supply chain internationally. He left Bose to become CEO of TeleLogic, a venture-backed telecommunications startup in 1984.





THE UNIVERSITY  
OF BRITISH COLUMBIA



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## Mr. Paul Geyer

BASc ECE (UBC)



Mr. Geyer is the CEO of LightIntegra Technologies, a medical device company specializing in technologies to improve the quality of platelets, the clotting factors in blood. He founded his first company, Mitroflow, in 1991; the company made tissue heart valve products. He sold it eight years later. In 2001, he founded Medical Ventures (now Neovasc), another cardiovascular medical devices company which develops medical devices for the rapidly growing vascular and surgical

marketplace, and is currently Chairman of their board. In 2008, Mr. Geyer began to focus on sharing his expertise with other entrepreneurs, as an active mentor and Angel Investor in the technology space. Paul currently serves on the board of 5 companies, one non-profit and two industry associations and has served on an additional 10 organizations. Mr. Geyer has been personally involved with the establishment of the biomedical engineering program at UBC.





THE UNIVERSITY  
OF BRITISH COLUMBIA



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**Mr. Ossama Hassanein**  
MAsc ECE, MBA (UBC)



Dr. Hassanein is Director of Bank of the West and General Partner of Newbury Ventures, a venture capital company based in Silicon Valley. He began his career with Nortel, and became a serial entrepreneur in 1990. He has co-managed over \$1B in 12 international technology funds, co-investing in 100+ companies in Silicon Valley, Europe, and Canada, and has also acted as chairman or co-founder of nine high technology startups including ACC (acquired by Ericsson), Algety (Corvis), HighDeal (SAP), Highwave (Euronext), NetCentrex (Comverse), nCipher (LSE), Zong (eBay), BDNA and Echovox.

Dr. Hassanein is a charter member of the C-100, a Silicon-Valley based association focused on mentoring and angel-financing Canadian entrepreneurs. He is a member of UBC President Campaign Cabinet, and has been particularly active in advising the entrepreneurship@ubc program. Dr. Hassanein was a guest speaker at the White House, the Commonwealth Club, and the MIT Enterprise Forum. He lectured at Stanford University, the University of San Diego, and UC Berkeley. He earned his PhD in Business Administration from California Coast University.





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# Faculty of Applied Science Dean's Advisory Council

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## Mr. Geordie Henderson



Mr. Henderson is a Vancouver-based technology organization leader who has been building software companies, teams and products for over 15 years.

He is currently the SVP, Engineering at Bench in Vancouver. Prior to this he was the VP Software Development at Hootsuite.

Mr. Henderson serves on the Board of Directors at the BC Safety Authority

He is also an active speaker, investor and advisor in the Canadian startup community.





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# Faculty of Applied Science Dean's Advisory Council

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## Ms. Judi Hess



Judi took on the role of CEO at Copperleaf in August 2009. Copperleaf is a software company providing investment decision analytics to companies managing critical infrastructure. In 2016, Copperleaf was named the 17th fastest growing software company in Canada and the Emerging Company of the Year in British Columbia. After a 14 year career at MDA, she joined Creo Inc. in 1995 and rose to become President in 2002, a position she held until Creo was acquired by Eastman Kodak for just under \$1 Billion USD in 2005. During her 4 year tenure at Kodak, Judi was a General Manager and Vice President within the graphic communications group, a Corporate Officer and Vice President of Eastman Kodak, and head of Kodak Canada.

She is currently a member of the Premier's Technology Council of British Columbia, and a member of the Board of Directors of Pason Systems Inc. (TSX: PSI). Originally from Toronto, Judi and her family live in Vancouver. She holds an Honours Bachelor of Mathematics Degree with Distinction – Dean's Honours List from the University of Waterloo, was a René Descartes Scholar, and is an avid downhill skier.





THE UNIVERSITY  
OF BRITISH COLUMBIA



# Faculty of Applied Science Dean's Advisory Council

APRIL 2018 MEMBER BIOS

## Dr. George (Bud) Homsy



G. M. "Bud" Homsy received his B.S. at UC Berkeley, his MS/PhD at the University of Illinois, and had a NATO Postdoctoral Fellowship at Imperial College, London. Professor Homsy joined Stanford's Chemical Engineering Department in the Fall of 1970, where he taught for 30 years before joining the faculty of Mechanical Engineering at UC Santa Barbara in 2001. He joined the Mathematics Department at the University of British Columbia in 2011 and served as Deputy Director of the Pacific Institute for the Mathematical Sciences until his retirement in 2013. He is currently an Affiliated Faculty at the University of Washington. His field of research is fluid mechanics and transport phenomena, and he has published over 150 papers in the lead journals in the field.

Professor Homsy has held many professional positions, including Vice-Chair and Chair of the APS Division of Fluid Dynamics, two terms as Department Chair at Stanford, Department Chair at UCSB, Chairman of the Board of USRA, and Associate Editorships of SIAM J. Applied Math, Int. J. Multiphase Flow, and Physics of Fluids. His honors include Fellow of the APS, Bing Fellow at Stanford, Talbot Lecturer at UIUC, Zebib Memorial Lecturer at Rutgers, Michael Abbott Visitor at RPI, David M. Mason Lecturer at Stanford and the Batchelor Visitor at DAMTP, Cambridge. He received an honorary doctorate from Paul Sabatier University, Toulouse and the APS Fluid Dynamics Prize for 2004, and was elected to the US National Academy of Engineering in 2006.





THE UNIVERSITY  
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**Mr. Alan Hutton**  
BASc MECH (UBC)



Alan Hutton is a corporate director and advisor, with extensive executive and governance experience in the financial and IT sectors. He is currently a Director of Aequitas Innovations and the Neo Exchange, Chair of the Investment Review Committee of NexGen Financial, member of the Investment Review Committee of ROI Capital, a Partner of The Transcend Strategy Group, an Advisor to Sapient Global Markets and the Owner of Virtual Corporation.

Prior to this, he was a Director and CEO of FundSERV, a provider of electronic business services for the Canadian investment fund industry, Star Data Systems, the dominant supplier of stock market quotations and analytics in Canada and other public, private and not-for-profit organizations.

He has worked in the United States and Europe and was licensed in Ontario in 1979 as a Professional Engineer.





THE UNIVERSITY  
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APRIL 2018 MEMBER BIOS

## Dr. Greg Kovacs

BASc ECE



Greg serves as President, Biosciences Division, of SRI International, a large non-profit research organization in Menlo Park, California. He is also an Emeritus Professor of Electrical Engineering at Stanford University (26 years active duty), with a courtesy appointment in the Department of Medicine. He holds a BASc (EE) from the University of British Columbia, an MS (BioE) from U.C. Berkeley, a PhD (EE) and an MD from Stanford. He is a Fellow of the IEEE and AIMBE. Greg has been active in cardiovascular device design, physiology in extreme environments, mixed-signal circuit design, and sensor

development, as well as co-founding the Bioengineering Department at Stanford. His government work includes serving as Investigation Scientist for the Columbia space shuttle accident investigation and Director of the Microsystems Technology Office of DARPA for which he received the Secretary of Defense Medal for Exceptional Public Service. He has co-founded several companies, including molecular diagnostics innovator Cepheid. Greg is a pilot, mountaineer and maker, who enjoys fixing things – especially if they are broken.





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## Mr. Adam Lorant



Adam Lorant is Vice President of Marketing and Product Management with PHEMI Health Systems, a Big Data Warehouse company that brings privacy, security and governance to healthcare and public sector clients. He is also Partner with Magellan Angel Partners where he invests in and mentors high tech startups.

Adam has a passion for entrepreneurship, having started 4 companies, and invested in/advised/mentored dozens of startups. Most recently, Adam was CEO in Residence with the Centre for Growth at the BC Technology Industry Association, coaching early stage high tech companies. He was co-founder and VP Marketing/Product Management for PolarBlue Systems Inc. which designed and built an innovative data storage service.

Prior to that, Adam was a co-founder and VP Marketing for OctigaBay Systems Corporation which designed and manufactured high performance computer hardware and software. OctigaBay was acquired by Cray Inc. in 2004. Prior to OctigaBay, Adam was a co-founder of Abatis Systems and VP of Product Management and Marketing. Abatis was sold to Redback Networks in 2000 in one of the largest private acquisitions in Canadian history. Prior to Abatis, Adam was with Newbridge Networks for seven years and five years with Northern Telecom Canada.

Throughout his entrepreneurial career, Adam has helped generate well over a billion dollars for investors. Adam holds a master's degree in business administration and a Bachelor of Science degree in electrical engineering. In 2000 Adam was honored with Canada's Top 40 under 40 award





THE UNIVERSITY  
OF BRITISH COLUMBIA



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## Mr. Mark Poweska



Mark Poweska was appointed BC Hydro's Senior Vice-President, Training, Development and Generation in December 2015. Since joining BC Hydro in 1993, he has worked in many different parts of the organization including engineering, construction, procurement and operations.

Mark leads the team responsible for the asset management, maintenance and operations of BC Hydro's 33 integrated generating facilities located throughout the British Columbia. These facilities include 30 hydroelectric generating stations, two gas-fired thermal power plants and one combustion turbine station with a total installed generating capacity of 12,538 megawatts, and an average annual energy

production between 43,000 and 56,000 gigawatt hours. He and his team work closely with diverse stakeholders to ensure BC Hydro's operations safely and effectively meet the energy needs of the province.

He also leads the company's efforts to become a learning organization through leadership of the Training and Development organization in implementing the Professional, Leadership, Apprentice and Trades Training plan.

Mark is a Professional Engineer with the Association of Professional Engineers and Geoscientists of B.C.





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## Mr. Ajai Sehgal



Appointed as the CTO of Eagleview on December 1<sup>st</sup>, 2017, Ajai brings deep experience in Product and Technology with global scale. Prior to Eagleview, Ajai was CTO/CIO of London based, "The Chemistry Group" before moving to its Advisory Board. Ajai served Vancouver startup Hootsuite as its CTO/CIO from 2014 to 2017, leading Software Engineering, IT, Security, and Operations.

Prior to Hootsuite, he spent 16 years with the Canadian Armed Forces before joining Microsoft in Redmond WA as a Software Engineering Lead. While at Microsoft, he helped found and scale Expedia from a small group of 40 people within Microsoft into a new public company that became the world's largest travel agency. He later helped establish Groupon's travel business as VP of Product & Technology.

With more than 30 years of experience, Ajai specializes in the global scaling of SaaS technology and is a former non-executive member on the board of Vancouver based public startup, Kabuni and a founder and executive member of the board of Doxanto.





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# Faculty of Applied Science Dean's Advisory Council

APRIL 2018 MEMBER BIOS

## Mr. Greg Smallenberg



Greg Smallenberg is a founding partner of PFS Studio. He is a Fellow of both the Canadian and American Societies of Landscape Architecture. He is one of the most well-known landscape architects in Canada and has been in practise for over thirty years. Greg is a recognized leader in the profession with extensive experience in large scale, open space planning, detailed design and project implementation. He has been responsible for numerous high profile projects throughout Canada, the United States, Europe and Asia. He also co-directs design and planning activities of Conglian, a strategically allied joint enterprise with offices in Shanghai, Ningbo and Guangzhou, China.

Greg's Canadian portfolio includes some of the most important open space projects in the country including the Coal Harbour Marina Neighbourhood waterfront and public realm in Vancouver, Confederation Square in Ottawa and the East Bayfront Precinct Plan along Lake Ontario in

downtown Toronto. He co-led plans for the Parliamentary Precinct, the Parliament Hill Landscape Plan, management plans for the Central Experimental Farm and Rideau Hall and the celebrated Lansdowne Park redevelopment - all in Ottawa. He was also the lead consultant for the University of British Columbia's Okanagan Campus Master Plan in Kelowna.

Some of his award winning parks and public spaces include Sherbourne Common, Underpass Park, AGO/ Grange Park and Front Street East Park in Toronto, the Railway Axis Park in Chongqing, Sanjiankou Riverfront Parks in Ningbo, the Fraser River Foreshore Park in Burnaby and the western phase of Harbour Green Park in downtown Vancouver. Greg has worked extensively with the Canadian government on numerous federal projects abroad including the Canadian Embassies in Rome, Paris, Port au Prince Haiti and Islamabad.





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# Faculty of Applied Science Dean's Advisory Council

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## Ms. Jennifer L. Vancini



Jennifer Vancini is an experienced investor and executive across a broad range of technologies, with significant experience in the mobile and security industries. In her tenures with start-ups, mid-sized companies and global multi-nationals, she has an extensive track record in business and corporate development.

Jennifer has held management and executive roles in organizations including Price Waterhouse, Certicom (acquired by RIM), Symbian/Nokia, VASCO Data Security and Telefonica.

She is currently an Investment Partner with Mighty Capital in Silicon Valley and is the Managing Partner of Pointgrey Partners, which is a family office for early stage investing. Jennifer graduated with an MBA from UBC Sauder in 1993.





THE UNIVERSITY  
OF BRITISH COLUMBIA



# Faculty of Applied Science Dean's Advisory Council

OCTOBER 2017 MEMBER BIOS

## Mr. Jack Van der Star



Jack Van der Star is recognized as a world class telecommunications engineer and is currently providing consultancy services to clients.

In his career, Jack has undertaken the design, deployment and sustainment of integrated communications networks with application to broadband, telephony, mobile, smart meters, transit systems, video on demand (VoD) and petrochemical projects.

Jack is a respected industry advisor, often being asked to speak at conferences and also holds a VoD patent.

Jack was the founder of a radio manufacturing company and CTO for a Silicon Valley based millimeter wave radio start-up. Jack is Co-Chair of the Innovation Okanagan Network (ION) – a group that successfully made the case to establish the Engineering School at UBCO – and was a founding director of the Okanagan Valley Research and Innovation Centre (ORIC) which has now become Accelerate Okanagan

Jack recently led a design team to establish highly integrated telecommunications systems for a new, Alberta-based refinery. He is currently providing design assistance to a BC-based power utilities company in their smart meter network deployments, and is involved in the Internet of Things (IoT) area.

