



GFCC

Global Federation of
Competitiveness Councils

GFCC Fellows

A Global Asset for Competitiveness Acceleration

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INTRODUCTION

GFCC Fellows are invited individuals who enhance the network's strength and ability to implement ideas that result from our meetings. They are a key asset to our growing movement. By helping our members solve competitiveness challenges at a global scale, they advance the GFCC network's ability to "get things done."

GFCC fellows are thought leaders and professionals with recognized track records in their fields of expertise. They have developed careers in business, government and/or research or civil society organizations.

GFCC fellows have something to say to the world. They are critical thinkers and dedicated doers. They are internationally recognized for their achievements and are part of different global networks.

GFCC fellows are interested in competitiveness, economic development and prosperity. They are concerned about creating a better world and improving the lives of their fellow citizens — locally and globally.

GFCC fellows use their intellectual assets and global connections to make their countries, regions and cities more competitive. They work at the local level and on a global scale.

GFCC fellows are catalyzers of global change. They are willing to engage with peers from all over the world, promote mutual learning, share their experiences and ideas, learn from others and spread competitiveness ideas.

GFCC FELLOWS

Zakri Abdul Hamid

Distinguished Fellow



Professor Zakri Abdul Hamid is a global spokesman on biodiversity and sustainable development who brings extensive experience as a researcher, educator, administrator and diplomat in science governance both on the national and international level to the GFCC. At the national level, Professor Zakri has worked closely with Malaysia's

Global Science and Innovation Advisory Council and the National Professors Council. In 2010, he was appointed Science Advisor to the Prime Minister of Malaysia. In January 2013, he was elected founding Chairman of the Intergovernmental Platform on Biodiversity and Ecosystem Services (IPBES), and serves as one of the 26 members of UN Secretary-General Ban Ki-moon's Scientific Advisory Board. He is also a board member of the newly-established UN Technology Bank for the Least-Developed Countries.

Edward D. Agne

Senior Fellow



Edward D. Agne is an entrepreneurial senior executive, with over 30 years of corporate communications experience. His practice areas include biotechnology, healthcare, life science, telecom, and IT. He has additional experience in mergers and acquisitions, crisis management, and international development.

Mr. Agne established The Communications Strategy Group in 1987, a consulting firm that assists new and early stage companies in managing their corporate, investor, and marketing communications. Prior to forming CSG, he was Vice President of Avondale Industries and its subsequent company, Connell Limited Partnership, Boston. He maintains active relationships with MassBio

(Boston), CLSA (San Francisco), BioCom (San Diego), Oxford Bioscience Network, (Oxford, England) and One Nucleus (Cambridge, England). He serves on the Advisory Board of TrifermedCBDO, a contract business development organization headquartered in Barcelona.

Mr. Agne is a former Trustee and former Director of the world-renowned Forsyth Institute, a pioneering biomedical research organization in Cambridge, MA, where he now serves on the President's Council. He is a founder and former president of the Board of Trustees of The American Friends of the Churchill Museum (London). He is an active member and former Director of the British American Business Council of New England. He has served as an Adjunct Professor at Boston University where he taught part-time in the College of Communication

Nathalie Cely

Distinguished Fellow



Nathalie Cely is President of the Center of Competitiveness and Innovation of Ecuador—a think tank founded by business leaders, university heads and competitiveness policy makers, who are working to enhance Ecuador's competitiveness.

From January 2012 to April 2013, she served as the Ambassador

of Ecuador to the United States. She then returned to Ecuador to serve as Minister Coordinator of Production of Employment and Competitiveness, continuing a role she had previously served from 2009 until 2011. Ambassador Cely has also consulted on a number of development and competitiveness projects throughout her careers, working with the European Union, the Inter-American Development Bank, and the Norway and Swiss Cooperation.

Rehan Chaudhri

Senior Fellow



Rehan Chaudhri is a global investor in the technology/media, energy, and commodity sectors. Previously, he was a principal and portfolio manager at Altrinsic Global Advisors. Prior to Altrinsic, Mr. Chaudhri was a portfolio manager for Lazard Asset Management, where he was responsible for managing its \$30 billion international diversified and

select funds. His previous investment experience includes Brandywine Asset Management's, a Legg Mason group company, global and international funds as a Managing Director as well as a Hong Kong-based telecommunications research equity analyst for Morgan Stanley. Mr. Chaudhri began his career as a management consultant and worked for Booz, Allen & Hamilton.

Amr Al-Dabbagh

Distinguished Fellow



His Excellency Amr Al-Dabbagh is the Chairman & CEO of the Jeddah based Al-Dabbagh Group. His Excellency is also the Founding Chairman of the UK based STARS Foundation, established in 2001 as the global philanthropic arm of Al-Dabbagh Group. Prior to assuming the Chair of Al-Dabbagh Group, he served two four-year

terms in government as Chairman of the Board of the Saudi Arabian General Investment Authority (SAGIA), with a rank of Minister. While at SAGIA, he enacted the 10x10 initiative, whose mission was to propel the Kingdom of Saudi Arabia to receive a top ten global competitiveness ranking by the year 2010. He also founded and acted as Chief Architect of the Economic Cities Authority within SAGIA.

Luciano Galvão Coutinho

Distinguished Fellow



Bachelor in Economics from the University of São Paulo, Brazil; Master and Ph.D. in Economics from Cornell University, USA. Luciano Coutinho has been Full Professor of Economics at the University of Campinas-UNICAMP, Brazil. Between 1974-79 he has been the head of the Graduate Program in Economics at UNICAMP. Professor

Coutinho has also worked as a Visiting Scholar in the University of Texas, USA; in University of Paris XIII, France and in the Ortega and Gasset Institute in Madrid, Spain. Besides his academic career Luciano Coutinho occupied positions in the public sector in Brazil, as Deputy Minister of the Ministry of Science and Technology (1985-1989) and as President of The Brazilian Development Bank — BNDES (2007-2016). Professor Coutinho has many published articles and books and has coordinated a landmark research project on the Competitiveness of the Brazilian Industrial Sector in the early nineties.

Petros G. Doukas

Distinguished Fellow



Petros G. Doukas is Chairman of the Board of Capital Partners SA, an investment banking advisory firm. Under his guidance, Capital Partners led initiatives in banking acquisition, administering the sale of Chase Manhattan Greece, Chase Manhattan Romania, Credit Lyonnais Greece, and the Bank of Athens.

Mr. Doukas joined the government of Greece in 1992 as the Deputy Minister of Finance, overseeing the management of sovereign debt and public lands. He was elected a member of Parliament to the region of Attica in 2004. The same year, he was appointed again as Deputy Minister of Finance. He succeeded in reducing the budget deficit from 8.2 percent to 3.3 percent and improving the Republic's credit rating. He also spearheaded the privatization of Hellenic Petroleum, The Commercial Bank of Greece, and OTE Hellenic Telecom.

He became the Deputy Minister of Foreign Affairs in 2007. His office aimed to increase State visits in order to promote the presence of Greece in the world market.

He served as the Country Head and Country Treasurer of Citibank Investment Banking for Greece from 1986 to 1992. During his tenure, Citibank Greece recorded its highest ever profits and gained the highest return of capital of all Citibank entities worldwide.

Mr. Doukas has additionally served as the senior advisor for Greece to Merrill Lynch International London, Sanwa Bank London, and Eurobank Securities Athens.

Mark Esposito
Senior Fellow



Dr. Mark Esposito is a socio-economic strategist who teaches Economic Strategy and Competitiveness at Harvard University's Division of Continuing Education since 2011. He also serves as Institutes Council Co-Leader, for the Microeconomics of Competitiveness program (MOC) at the Institute of Strategy

and Competitiveness, at Harvard Business School, led by Professor Michael Porter. Beside his role at Harvard, Mark is a senior professor at Grenoble Graduate School of Business and a Research Fellow on Circular Economy at Judge Business School. Mark consults in the area of corporate sustainability, economic complexity, circular economy and competitiveness worldwide, including advising to, among others, the United Nations Global Compact, National Banks, Governments, NATO Executive Development Programs and municipalities in Massachusetts.

Luis Fernandes
Distinguished Fellow



Luis Fernandes is a Professor of International Relations at the Pontifical Catholic University of Rio de Janeiro (PUC-Rio) and the Federal University of Rio de Janeiro (UFRJ). His research areas cover topics related to the Political Economy of International Relations, with emphasis on power

shifts in the international order and innovation challenges in development strategies. He has served in different government positions over the past two decades, including those of Deputy Minister for Science and Technology, President of the Brazilian Innovation Agency (FINEP) and Chief Executive Coordinator responsible for the organization of the 2014 World Cup and the 2016 Olympic and Paralympic Games in Brazil.

Dionisio Garcia
Senior Fellow



Dionisio Garcia is currently Strategic Business Catalyst at "Bitácora Social," an anthropology-based research firm focused on understanding complex social issues across Latin America. He and his youngest brother started their company seven years ago in Mexico City.

Until mid-2014, he was Senior Vice President at PepsiCo Latin America, responsible for Business Transformation and CIO for the region. Today he is an entrepreneur, independent business consultant, board member and sponsor of several organizations promoting better organizational wellbeing and the sharing of best health practices in Mexico. He would like to be able to contribute to halt and turnaround the very damaging obesity trends in Mexico and the Latin American region.

Professionally, he started his career at Procter & Gamble in Mexico, at the Engineering Center. Later he moved through several positions in Manufacturing, Human Resources, Sales, Marketing and Procurement in Mexico, Latin America and Europe.

In 2016, he joined the team of coaches at the Stand & Deliver Group, a San Francisco based organization, working across the globe dedicated to transform executives' ability to speak and inspire, improve their leadership presence and be more effective in turning their ideas into actions.

Dionisio graduated as an Electronic and Communications Engineer from the Monterrey Institute of Technology (ITESM) at Monterrey, Mexico. He later got a Master's degree in Business Administration and a Finance Diploma at the same institution.

Banning Garrett
Senior Fellow



Banning Garrett is a Washington-based strategic thinker, writer, speaker, and entrepreneur focusing on exponential technologies and global trends. He is an independent consultant, faculty member at Singularity University, adviser to several high-tech startups, co-founder of a Nano RFID startup and senior fellow with Global Urban

Development. Dr. Garrett was director of the Atlantic Council's Asia Program and the founding director of its Strategic Foresight Initiative. In 2006, he established and subsequently led the Council's cooperation with the National Intelligence Council in production of the NIC's unclassified, quadrennial long-term global trends assessments, including Global Trends 2025 and Global Trends 2030. He created and directed the Council's project on that produced a U.S.-China joint assessment of long-term global.

Nika Gilauri
Distinguished Fellow



Former Georgian Prime Minister Nika Gilauri is an esteemed politician and economic reformer. Having served as Georgia's Prime Minister, Minister of Finance, and Minister of Energy, he succeeded in rooting out corruption, improving the business environment in Georgia, and spearheading economic reform in the country. During Mr.

Gilauri's tenure as Minister of Energy and Finance, he worked to transform Georgia by eradicating corruption and improving competitiveness. With a background in finance and economics, Mr. Gilauri worked extensively to support Georgia's economic growth with recovery policies that led the country from negative growth to annual growth of 8 percent. Mr. Gilauri currently works as the head of the JSC Partnership Fund, a state-owned stock fund.

Kwanza Hall
Senior Fellow



Kwanza Hall is in his third term on the Atlanta City Council. He represents the heart of Atlanta, including the Martin Luther King Jr National Historic Site and the Carter Center. His father, Leon Hall, was one of Dr. King's youngest staff members. Hall has been recognized for leadership in many arenas, including economic

inclusion, workforce development, urban design, and arts, greenspace, and culture. In 2013, the W.K. Kellogg Foundation recognized his efforts expanding opportunities to families in his district with the highest concentration of poverty in the southeastern United States. Prior to his election to the Atlanta City Council, Hall served as an elected member of the Atlanta Board of Education. Hall, immediate past chair of the Atlanta City Council's Advisory Council on International Relations, has been a fellow of the German Marshall Fund and GMF's annual BUILD conference in Bilbao as well as a number of U.S. State Department programs.

Kathryn Hauser
Senior Fellow



Kathryn Hauser is seasoned public affairs professional, with more than 25 years of experience working in the fields of international trade, commerce, and innovation. A strong communicator, she has built countless public affairs and communications strategies for corporations navigating the world of government relations. Ms.

Hauser currently works as the Managing Partner of Policy Connections International, LLC, Washington-based external relations consulting firm providing services to governments, companies, and non-profit organizations engaged in global commerce. Ms. Hauser previously served as the U.S. Executive Director of the TransAtlantic Business Dialogue where she advocated for international trade.

Karen A. Holbrook
Distinguished Fellow



Karen Holbrook currently serves as interim president at Embry-Riddle Aeronautical University, following years of experience working for national academic institutions. As President of the Ohio State University from, she supported the university's vision of becoming a world-class research and teaching institution. Most recently, Dr.

Holbrook worked as the Senior Advisor to the President at the University of South Florida, where she was the Senior Vice President for Research and Innovation then Senior Vice President for Global Affairs and International Research.

Greg Horowitz
Senior Fellow



Greg Horowitz is the co-founder and managing director of T2 Venture Capital and has spent more than 25 years working in startups and venture capital. Mr. Horowitz is the co-author of bestselling book 'The Rainforest: the Secret to Building the Next Silicon Valley' and has co-founded many distinguished organizations including Global

CONNECT, the Global Innovation Summit and the Rainforest Architects Program. Mr. Horowitz has also served as advisor, speaker, and consultant for many development organizations including the World Bank and the US State Department. He has personally advised and mentored over 200 companies and has been recognized as a Kauffman Fellow.

Jerry Hultin
Distinguished Fellow



Jerry Hultin is chairman of the Global Advisory Board at the Smart City Expo World Conference and is a Senior Presidential Fellow at New York University. He was the former president of the Polytechnic Institute of New York University and former dean of the Wesley J. Howe School of Technology Management. Mr. Hultin previously served as

Under Secretary of the Navy where he helped create the Navy Marine Corps Corporate Intranet which improved IT performance and reduced costs by 33 percent. Mr. Hultin served as a naval officer in the Vietnam war and has previously practiced law, managed small businesses, and consulted in technology, defense, health care, finance, and environment sectors.

Carole Hyatt
Distinguished Fellow



Carole Hyatt is the Founder and President of Mission: Getting To Next, a non-profit leadership and career transition organization. MGTN establishes a network of support for retiring military and executive women seeking new professional positions in the private, public, entrepreneurial, and nonprofit sectors. MGTN is based on Ms.

Hyatt's world-renowned Leadership Forum's foundational seminar GETTING TO NEXT, which has a 40-year track record of success, helping thousands of women—and men—triumph over difficult transition periods.

Her best-selling books, *The Woman's Selling Game*, *Shifting Gears*, *Lifetime Employability*, and *When Smart People Fail*, have profoundly impacted the lives and careers of millions of women and men across the globe. In addition to her books, Ms. Hyatt has created highly effective workshops to address women in sales and marketing in public arenas. She has lectured groups worldwide, from universities such as Columbia and Brandeis, to schools in England, Japan, India, Malaysia, Germany and South Africa. Her training programs have been taught in corporations including

Deloitte Touche, American Express, Infiniti Car, and Bank of South Africa. Ms. Hyatt resides in New York City with her husband Gordon Hyatt, an award-winning documentary TV producer.

João Alziro Herz da Jornada

Distinguished Fellow



João A. H. da Jornada is an active researcher with more than four decades of experience in the fields of solid state physics, materials science and high-pressure physics, having published more than 100 papers in journals worldwide. Dr. Jornada previously served as the president of Inmetro (the Brazilian National Metrology Institute) from

2004 to 2015, where he led the Institution to worldwide recognition. With a commitment to supporting innovation and competitiveness in the country, he facilitated strong interactions with academia, industry and government.

Charles Kiefel, OAM

Distinguished Fellow



Charles Kiefel has over 30 years' experience within the financial sector. Mr. Kiefel currently serves as the Chairman of The Principals Funds Management Pty Ltd, an Australian based organisation servicing the institutional investment market in Australia and New Zealand. Mr. Kiefel has served as the past Chairman of the Australian

Military Superannuation and Benefits Board, as Managing Director of Corporate Finance at ANZ Investment Bank, and as Director of Corporate Finance with Ord Minnett. Earlier in his career, he worked with Lazard Brothers & Co. Limited in London and with Lazard Freres in New York City. Mr. Kiefel was awarded the Order of Australia Medal (OAM) in 2009 for "Service to the Superannuation and Funds Management industries and as a supporter of charitable and educational institutions". He is a Fellow of the Institute of Chartered Accountants in Australia and a Fellow of the Australian Institute of Company Directors.

Stephen Kingon

Distinguished Fellow



Stephen Kingon is active in the competitiveness and business landscape through several roles. He is a former Managing Partner of PricewaterhouseCoopers (PWC) in Northern Ireland, a past Chair of Invest NI, the economic development agency, a former member of the Economic Development Forum, which advises

Ministers on the competitiveness of the Northern Ireland Economy and a former Co-Chair of the North/South Roundtable Group, which worked to improve the Island economy's competitiveness. Currently he is the Chair of Centre for Competitiveness, which aims to assist private, public and voluntary sector organizations to improve through quality excellence, breakthrough innovation and increased productivity. In addition he serves as a non-executive director of a number of organizations including being Chairman of Northern Ireland Electricity Networks, the Balcas Group and the Lagan Group. He is also Pro Chancellor of Queens University, Belfast.

Ashwani Kumar

Distinguished Fellow



Ashwani Kumar is an attorney and politician. He served as a Member of Parliament in India where he was elected to represent the state of Punjab. He formerly served as a Minister of Law and Justice, as well as Minister of State in the Department of Industrial Policy and Promotion and Ministry of Commerce and Industry.

At 37, Ashwani Kumar, was one of the youngest on record to be appointed Additional Solicitor General of India. He has served as Indian National Congress party's National Spokesperson and Chairman of its Vichar Vibhag. Kumar is an eminent legal counsel who has argued important cases before the Supreme Court including the Bhopal Gas Tragedy case and has also represented major corporations in international arbitrations. He has been a member of the Rajya Sabha since 2002.

Ashawni Kumar has authored two books: *Hope in a Challenged Democracy: An Indian Narrative* and *Law, Ideas and Ideology in Politics: Perspectives of an Activist*. In May, 2017, the Emperor of Japan awarded him the "Grand Cordon of the order by the rising Sun," one of the highest Japanese civilian honours, for his significant contribution in promoting India-Japan relationship.

Yee Chong Lee

Distinguished Fellow



Yee Chong Lee is a recognized specialist in science, technology, and innovation who has dedicated his life to developing effective strategies and programs for reducing poverty, hunger, and climate change through the active participation of the international community of scientists, engineers, and medical experts. He currently

serves as the chair on the governing board of International Science, Technology, and Innovation for South-South Cooperation (ISTIC), where he oversees the establishment of links between academia and industry to facilitate information transfer between the public and private sectors. Dr. Lee is also the patron of the International Young Professionals Foundation and member of the International Advisory Board of Engineers Without Borders, Canada.

Joan MacNaughton CB Hon FEI

Distinguished Fellow



Joan MacNaughton CB is an esteemed climate and energy policy professional who has advised both the private and public sector on matters of sustainability. From 2007 to 2012, Ms. MacNaughton developed and led the policy wing of the global engineering firm Alstom, spearheading the company's clean power campaign.

Ms. MacNaughton serves on several energy and climate committees, chairing The Climate Group and acting as the Executive Chair of the World Energy Trilemma for the World Energy Council, where she oversees the annual assessment of 129 different countries' national energy policies. Previously, she served as the Director General of Energy in the United Kingdom, responsible for all of UK energy policy.

Susan McCalmont

Senior Fellow



Susan McCalmont is the President of Creative Oklahoma. With the establishment of Creative Oklahoma in 2006, Susan worked closely with Sir Ken Robinson to develop the organization's societal change strategies and in 2010 she organized the Creativity World Forum in Oklahoma City. Providing innovative leadership at national, state, and

local levels, Susan has served a variety of non-profit organizations and public institutions over the last 30 years in Washington, D.C., and the states of Virginia and Oklahoma.

Christos Megalou

Distinguished Fellow



Christos Megalou is a senior international banker with extensive experience in management, banking and finance, investment banking, mergers and acquisitions, and capital markets. Since March 2017, Mr. Megalou has been the CEO of the Piraeus Bank Group, the largest bank in Greece. Mr. Megalou has worked with Barclays in Athens

and London, Credit Suisse in London, and has managed Eurobank Ergasias SA, one of the four systemic banks in Greece. He was Chief Executive Officer of Eurobank Ergasias SA, and Chairman of the Executive Board and Vice Chairman of Eurolife, the insurance arm of Eurobank Ergasias SA.

Peter Meyers

Distinguished Fellow



Peter Meyers is the Founder and CEO of the Stand & Deliver Group, an organization that has designed and led engagements for clients including Apple, Ernst & Young, Cisco, BlackRock, Siemens, Nestlé, and nationally recognized politicians and Hollywood producers. He has helped organizations strengthen their culture during times of change;

coached leaders to deliver compelling narratives on the global stage; and empowered high-performing teams to achieve breakthrough results by heightening their clarity, trust and ability to inspire. Mr. Meyers is the author, with Shann Nix, of *As We Speak*.

Mark Minevich

Senior Fellow



Mark Minevich, author and world-renowned expert in the fields of digitization and artificial intelligence, is the principle founder of Going Global Ventures in New York and a Venture Partner of GVA Capital in Silicon Valley. He is a Senior Advisor with the U.S. Council of Competitiveness and a charter member of the B20/

G20's Digitalization Task Force as an expert in digitization, advanced autonomous systems and the future of AI. Mark brings unique experience and background in business strategy, technology and innovation. He maintains a global perspective when working in the corporate, private, tech and investment sectors. Mark is the author of "The CTO Handbook" and "Six Billion Minds," which has been endorsed by Israeli Prime Minister and Nobel Laureate Shimon Peres.

Michiharu Nakamura

Distinguished Fellow



Michiharu Nakamura is a prominent technologist who currently serves as the Counsellor to the President of JST since October 2015. Dr. Nakamura has worked on all ends of the innovation spectrum by conducting extensive technological research and strongly advocating for R&D funding and policy in Japan. A graduate of the University

of Tokyo, Dr. Nakamura in 1967 joined Hitachi Central Research Laboratory, where he conducted research in compound semiconductors and optoelectronics, and pioneered semiconductor DFB laser development. In 2004, Dr. Nakamura was appointed Executive Vice President and Executive Officer of Hitachi Ltd. and subsequently served as Director of the Board until assuming his former position of the President of JST in October 2011.

Liam Nellis

Distinguished Fellow



Liam Nellis has gained extensive business and trade experience throughout his career. He is former CEO of InterTradeIreland where he fostered North/South business development and trade opportunities. He presently sits on the Council of the University of Ulster, the Northern Committee for Sales Institute of Ireland, and on the

Board of the Institute of British Irish Studies at University College Dublin. Prior to these roles, Nellis established NI-CO, a public sector marketing company and served as executive director of the Industrial Development Board.

Lucas Papademos

Distinguished Fellow



Lucas Papademos is a Greek economist who served as Prime Minister of Greece from 2011 to 2012. After finishing his secondary education in Greece, Dr. Papademos studied in the United States at the Massachusetts Institute of Technology, where he earned a bachelor's degree in physics, a master's degree in

electrical engineering and a Ph.D. in economics. He served as the Governor of the Bank of Greece, before accepting the vice presidency of the European Central Bank from 2002 to 2010. In 2010 he left the position to serve as an economic advisor to Greek Prime Minister George Papandreu, while still serving as a visiting professor at Harvard University from 2010.

Richard (Ric) Parker CBE, FEng

Distinguished Fellow



Recently retired, Professor Richard (Ric) Parker was Director of Research & Technology, Rolls-Royce Group from January 2001 to March 2016. He joined Rolls-Royce as a Chief Research Scientist in 1978, and has held a variety of engineering leadership and general management posts. Ric is

a Visiting Professor in Mechanical Engineering at Imperial College, a Visiting Professor in Aeronautical Engineering at Loughborough University and an Honorary Professors in Materials Engineering at Birmingham University.

Ric has been instrumental in influencing the aviation research strategies for the United Kingdom and European Union. He is Chairman of the €4 billion Clean Sky European Joint Undertaking. He has also been an active promoter of industry/university collaboration, supporting and extending Rolls-Royce's University Technology Centers worldwide.

Jack Sim

Distinguished Fellow



Mr. Sim is a change-maker at the system level. He broke the taboo around toilets by bringing the sanitation crisis to the global media spotlight since 2001. Sim mobilized a global movement involving governments, policy makers, United Nations agencies, international civil society, thought leaders and activists to work

together in addressing the global sanitation crisis. He is the founder of the World Toilet Organization, which founding day (November 19) is now enshrined by all 193 countries of the UN General Assembly as the official World Toilet Day. He also founded Bottom of the Pyramid (BoP) Hub, a business-centric organization using hybrid cross-sector collaborations to alleviate poverty sustainably through creating efficient BOP marketplace for the 4 Billion poor.

Rogério Studart

Distinguished Fellow



Rogério Studart is a prominent international economist who brings over 30 years' experience in international consulting and development finance to the GFCC. Currently, Dr. Studart is a tenured professor with the Institute of Economics of the Federal University of Rio de Janeiro (IE—UFRJ).

Previously, he served as Executive and Alternate Director at the Inter-American Development Bank (IDB) and the Inter-American Investment Corporation (IIC). Presently, Dr. Studart serves on the editorial boards for seven specialized economics journals, is a regular columnist for the Brazilian newspaper *Brasil Economico*, and publishes op-eds for the Brazilian and international media.

Manuel Trajtenberg

Distinguished Fellow



Professor Manuel Trajtenberg is currently a member of the Knesset, the Israeli Parliament. He was elected in the March 2015 elections, where he ran as candidate for Minister of Finance for the (opposition) Labor Party. Prof. Trajtenberg served as Chairman of the Budgeting and Planning Committee of the Council for

Higher Education in Israel from September 2009 through December 2014. Previously, he established and was first Chairman of the National Economic Council at the Prime Minister Office, and chief economic advisor to the Prime Minister.

Trajtenberg has been a Professor of Economics at Tel Aviv University since 1984, after obtaining his Ph.D. at Harvard University. He held visiting positions at Harvard and Stanford, is a Research Associate of the NBER in

Cambridge, USA, and of the CEPR in London, and was a Fellow of the Canadian Institute of Advanced Research. Prof. Trajtenberg served as Head of the Science, Technology and the Economy (STE) Program at the Neaman Institute for Advanced Studies, Technion, and as a consultant for the World Bank. Prof. Trajtenberg has published books and numerous articles in leading scientific journals, and is regarded as one of the world leading experts in the field of R&D and Innovation.

Gregory F. Treverton
Distinguished Fellow



Gregory F. Treverton completed service as chairman of the National Intelligence Council, which provides both strategic intelligence and more immediate intelligence support to the senior foreign policymakers in the U.S. government. Earlier, he directed the RAND Corporation's Center for Global Risk and Security, and

before that its Intelligence Policy Center and its International Security and Defense Policy Center, and he was associate dean of the Pardee RAND Graduate School. He has served earlier in government for the first Senate Select Committee on Intelligence, handling Europe for the National Security Council and as vice chair of the National Intelligence Council, overseeing the writing of America's National Intelligence Estimates (NIEs). He has taught at Harvard and Columbia universities, in addition to RAND, been a Senior Fellow at the Council on Foreign Relations, and Deputy Director of the International Institute for Strategic Studies in London. He holds an A. B. summa cum laude from Princeton University and an M.P.P (Master's in Public Policy) and Ph.D. in economics and politics from Harvard. His latest books are *Dividing Divided States*, University of Pennsylvania Press, 2014; and *Beyond the Great Divide: Relevance and Uncertainty in National Intelligence and Science for Policy*, (with Wilhelm Agrell), Oxford University Press, 2015.

Simon Peter "Pete" Worden
Distinguished Fellow



Simon Peter "Pete" Worden, (Brig. Gen., USAF, Ret., PhD) (born 1949, in Michigan, USA) is the Chairman of the Breakthrough Prize Foundation and Executive Director of the foundation's 'Breakthrough Initiatives'. He holds a Bachelor of Science degree in Physics and Astronomy from the University of Michigan and a Ph.D. in Astronomy

for the University of Arizona.

Prior to joining the Breakthrough Prize Foundation, Dr. Worden was Director of NASA's Ames Research Center at Moffett Field, California, until his retirement on March 31, 2015. He has held several positions in the United States Air Force and was research professor of astronomy at the University of Arizona, Tucson.

Dr. Worden has authored or co-authored more than 150 scientific papers in astrophysics space sciences, and strategic studies. He served as a scientific co-investigator for three NASA space science missions – most recently the Interface Region Imaging Spectrograph launched in 2013 to study the Sun.

He received the NASA Outstanding Leadership Medal for the 1994 Clementine Mission to the moon. Dr. Worden was named the 2009 Federal Laboratory Consortium Laboratory Director of the Year and is the recipient of the 2010 Arthur C. Clarke Innovator's Award.

On April 12, 2016 in the One World Observatory in New York, NY, Yuri Milner and Stephen Hawking announced the Breakthrough StarShot Initiative to develop and launch Earth's first interstellar probe within a generation. Pete Worden leads this Initiative as its Executive Director.

Kandeh K. Yumkella

Distinguished Fellow



Kandeh Yumkella has had an extensive career at the United Nations. Most recently, he served as Special Representative of the UN Secretary-General and Chief Executive for the Sustainable Energy for All (SE4All) Initiative. As a Special Representative, Dr. Yumkella worked to mobilize action toward a sustainable energy future and

accelerate the implementation of the Secretary-General's initiative as well as engaging with the leadership of relevant stakeholders in government, businesses, academia and civil society at the highest level to advocate for and promote sustainable energy for all. Dr. Yumkella previously served as Director General of United Nations Industrial Development (UNIDO) for two four-year terms.



GFCC

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The Global Federation of Competitiveness Councils (GFCC) is a network of leaders and organizations from around the world committed to the implementation of competitiveness strategies to drive innovation, productivity and prosperity for nations, regions and cities. The GFCC develops and implements ideas, concepts, initiatives and tools to understand and navigate the complex competitiveness landscape.

For more information, please visit www.thegfcc.org.

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