

Mr. John B. SANDAGE is the Deputy Director General, Patents and Technology Sector, World Intellectual Property Organization (WIPO) in Geneva, Switzerland since December 2014.

Previously, Mr. Sandage joined the UNODC in January 2008 as Deputy Director of the Division for Treaty Affairs as well as Chief of the Organized Crime and Illicit Trafficking Branch. From May to October, 2009, and from September, 2011 to November, 2014, he has been concurrently Officer in Charge of the Terrorism Prevention Branch. From March, 2009 he was Officer in Charge of the Division for Treaty Affairs, and Secretary-General Ban Ki Moon appointed him Director of the Division for Treaty Affairs with effect on 1 June, 2011. Previously Mr. Sandage served in the U.S. Department of State in a variety of legal and policy roles for over 15 years, serving in positions focused on the Middle Eastern Affairs, Western Hemisphere Affairs, United Nations Affairs, Law Enforcement and Counter-Narcotics Affairs, and Counter-Terrorism and Sanctions Policy. Mr. Sandage has briefed and argued cases on behalf of the U.S. before the International Court of Justice and the Iran-U.S. Claims Tribunal. Before his service with the U.S. Department of State, Mr. Sandage was in private practice for six years with the firm now known as Wilmer, Cutler, Pickering, Hale and Dorr in Washington, D.C. and London, specializing in international law and appellate litigation. He was also a law clerk for the Honorable Frank M. Johnson, Jr. (deceased) of the U.S. Court of Appeals. Mr. Sandage holds a J.D. degree from the



Yale University Law School. In addition, Mr. Sandage was the Senior Editor of the Yale Law Journal and was the winner of the Potter Stewart Moot Court Appellate Advocacy Prize in 1985. He has authored numerous publications. He is admitted to the Bar of New York, Washington D.C. and the United States Supreme Court.

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Ms. Sherry KNOWLES, Esq is the Principal of Knowles Intellectual Property Strategies, LLC, Atlanta, Georgia, USA.

Her firm provides global guidance on complex IP matters, patent litigation strategy, licensing, prosecution, patent policy and investor support. Ms. Knowles has over 25 years' experience in global corporate and private practice. From 2006-2010, Ms. Knowles was the SVP and Chief Patent Counsel at GlaxoSmithKline, as worldwide head of patents for litigation and transactional matters, managing over 200 people in 12 offices. In 2008, Managing IP Magazine named Ms. Knowles one of the top 10 most influential people in Intellectual Property, referring to her as a "Patent Owner's Advocate." In 2010, the New Jersey IP Lawyers Association awarded GSK, with Ms. Knowles as the representative, the Jefferson Medal for exceptional contribution to Intellectual Property. In 2010, Managing IP Magazine named the GSK Global Patent Team the "In-House IP Team of the Year" for 2009 for the constructive approach to IP in the developing world, the engagement with public policy in Europe and the successful resolution of the USPTO rules matter in the US. In November 2011, IAM Magazine listed Ms. Knowles among the top fifty key individuals, companies and institutions that have shaped the IP marketplace in the last eight years. Ms. Knowles was among IAM Magazine's 250 "World's Leading IP Strategists" in 2011 and IAM 300 in 2012, 2013, and 2014, and Managing IP Magazine's



Top 250 Women in IP in 2014. Ms. Knowles has been active in IP matters in developing countries. Ms. Knowles helped create GSK's Knowledge Pool for treatment of neglected tropical diseases. In December 2010, Ms. Knowles chaired a conference at the World Bank on "The Role of Intellectual Property in Development". In 2011, Ms. Knowles co-chaired a conference in Cape Town South Africa on "Accelerating Innovation and IP in South Africa" and in 2013, in Durban, South Africa on "Creating and Leveraging IP in Developing Countries".

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Mr. McLean SIBANDA is the Chief Executive Officer (CEO) of The Innovation Hub, Pretoria, South Africa.

The Innovation Hub is a leading African science and technology park, which focuses on fostering socio-economic development and entrepreneurship through innovation. He presently serves as the President of the African Division of International Association of Science Parks (IASP), as well as on the boards of the Council for Scientific and Industrial Research (CSIR, South Africa), Technifin, Ideanav, the African Agricultural Technology Foundation (AATF) and National Intellectual Property Management Office. An engineer and patent attorney by background, he has a wide experience in intellectual property and innovation management, policy development as well as supporting entrepreneurs and start-up companies in the ICT, green economy and Bioeconomy sectors. He has held senior and executive roles in private and public sectors, including De Beers Industrial Diamonds, Innovation Fund and TIA. He has served as an Expert to the African Union (AU), World Intellectual Property Organisation (WIPO), and the Department of Science and Technology on drafting of Intellectual Property Rights from Publicly Financed Research & Development Act as well as review of Tanzania National System of Innovation.



Dr. Kamal SAGGI is the Frances and John Downing Family Professor of Economics at Vanderbilt University, Nashville, Tennessee, USA.

He is also the Chair of the Department of Economics and Director of the Graduate Program in Economic Development at Vanderbilt. He is an Associate Editor of the Journal of International Economics and the Indian Growth and Development Review and serves on the Editorial Council of the Journal of International Business Studies. Dr. Saggi has written extensively in the areas of international trade and investment, international technology transfer, economic development, and the global trading system. Two major themes underlying his current research are: (i) the inter-relationships between intellectual property protection, foreign direct investment, and international technology transfer and (ii) economics of the multi-lateral trading system. Dr. Saggi has given invited research presentations at leading institutions through-out the world and has been a visiting scholar at European University Institute, Hitotsubashi University, Hong Kong University of Science and Technology, Hong Kong Polytechnic University, McGill University, National University of Singapore, Princeton University, Shanghai University of Finance and Economics, Stanford University, the University of International Business and Economics (Beijing), the University of New South Wales, the University of Sydney, the World Bank, the World Intellectual Property Organization, and the World Trade Organiza-



tion. He has extensive consulting experience in the areas of international trade and economic development and has been a consultant for Andean Development Corporation, Commonwealth Secretariat, Copenhagen Consensus, International Finance Corporation, International Centre for Trade and Sustainable Development, SciDev.Net, Sidley Austin LLC, the World Intellectual Property Organization, and the World Bank.

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Dr. A. DAMODARAN is Professor, Indian Institute of Management Bangalore (IIMB), Bangalore, India.

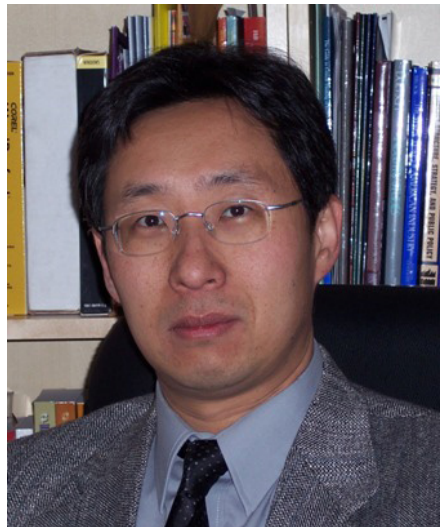
He works in the Economics and Social Sciences Area and holds the Ministry of Human Resources Development Chair on Intellectual Property Rights at IIMB. He functioned as an Environmental Fellow with the US-Environmental Protection Agency (Region V) in 1994 and went on to be a Visiting Scholar with the University of California at Berkeley, the same year under the US Asia Environmental Partnership Program. He has researched in Japan, Canada, Germany and the Netherlands. Apart from his many publications in peer reviewed journals, he has authored a well-received book entitled “Encircling the Seamless — India, Climate Change and Global Commons” published by the Oxford University Press in 2010. He was part of India’s delegation at the negotiations connected with the Conference of Parties to the Convention on Biological Diversity in 2012 and is a member of the High Level Panel set up to assess financial resources required to implement the Aichi - Nagoya Targets on Biodiversity Conservation. He has also been closely associated with WIPO projects in the areas of IP Management and has peer reviewed publications and writings in the areas of technology transfer in relation to environmentally sound technologies, tradi-



tional knowledge, heritage and performing arts, Plant Breeder’s rights and Geographical indications. He has also been associated with UNEP, UNU, World Bank and the Asian Development Bank and the UNDP as consultant to projects in the fields of sustainable development and IPRs. He earned BA and MA degrees at the University of Kerala, India and a Ph.D. degree in Economics at the University of Kerala, India.

Dr. Walter PARK is Professor, Department of Economics, American University, Washington, DC, USA.

His main fields of research are intellectual property rights and research and development (R&D), with a focus on international issues, such as trade and foreign direct investment. His publications appear in *Economic Inquiry*, *Journal of Economic Behavior and Organization*, *Journal of International Business Studies*, *Research Policy*, *Review of World Economics*, and in book chapters published by Academic Press, Elsevier Science, and Springer Verlag, among others. He has developed indicators of intellectual property protection, which are widely cited and used by other researchers. He currently serves on the Advisory Editorial Board of *Research Policy* and is a special sworn employee at the U.S. Bureau of Economic Analysis. Since 2004, he has been working with the Controlling Office of the European Patent Office on developing forecasting models of international patenting. Since 2012, he has been a contributor to the Commitment to Development Index produced by the Center for Global Development. He has also been a consultant for Industry Canada, the Organization for Economic Cooperation and Development, the World Bank, and the World Intellectual Property Organization. He earned a BA degree in Economics/Statistics at the University of Toronto,



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**Dr. Francesco LISSONI is Professor of Economics,
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He is currently Professor of Economics at Bordeaux University (France), where he is a member of GREThA, the Groupe de Recherche en Économie Théorique et Appliquée, and holds the Chaire d'Accueil of the Regional Council of Aquitaine, for research in the economics of innovation. He is also a Visiting Fellow of CRIOS, the Center for Research on Innovation, Organization, and Strategy of Bocconi University (Milano, Italy). His research activity covers the economics of science, innovation adoption, intellectual property, university-industry technology transfer, and the geography of knowledge diffusion. He is a member of scientific committees for EPIP (European Policy for Intellectual Property) and OST (Observatoire des Sciences et Techniques, Paris). He is associate editor of Industry & Innovation, and former chairman of the research programme on Academic Patenting in Europe (APE-INV), funded by the European Science Foundation. He has published, among others, on the Journal of Economic Geography, Research Policy, the Journal of Economic Behavior and Organisation, Industrial & Corporate Change, and the Papers in Regional Science. He has also co-authored several pieces of technical documentation on patent and inventor data, currently available from the APE-INV website (www.academicpatenting.eu).



Mr. Sisule MUSUNGU is a Partner, Sisule Munyi Kilonzo & Associates, Nairobi, Kenya.

He is the President and a founding member of IQsensato (Geneva) and the Managing Director of IQsensato Consulting (Nairobi). His research, capacity building and technical assistance work focuses on the development dimensions of intellectual property, innovation, access to knowledge and international trade. He is also a researcher on international human rights law, particularly the implementation of social and economic rights. Mr. Musungu consults for, and/or has acted as an advisor, to a large number of UN agencies and international organizations, non-governmental organizations, funding agencies and national governments, including: WIPO, WHO, UNCTAD, UNESCO, FAO, UNTAID, IDRC, the Ford Foundation, the Open Society Institute (OSI), and GTZ. He is widely published in his areas of research. Previously, Mr. Musungu worked as an Associate Research Scholar at Yale Law School, as the Coordinator of the Innovation and Access to Knowledge Programme at the South Centre in Geneva and as an Associate at the law firm Hamilton, Harrison and Mathews in Nairobi. Mr. Musungu holds law degrees from the University of Nairobi, Kenya, and the University of Pretoria, South Africa.



Dr. Bowman HEIDEN is the Deputy Director, Center for Intellectual Property (CIP), Chalmers University of Technology, Goteburg, Sweden.

He previously was the Innovation Director for the Qatar Science & Technology Park, where he was responsible for driving innovation strategy and intellectual property policy. As Deputy Director of CIP, Dr. Heiden currently manages the internationalization of the CIP platform and strategic industry relationships. He co-founded CIP Professional Service AB, the Intellectual Capital Management Master program (ICM) and Gothenburg International Bioscience Business School (GIBBS) master program. He is also the founder and developer of CIP FORUM, which has grown to be one of the most leading knowledge-based business events worldwide. Dr. Heiden's Ph.D. work is in the field of Innovation and Entrepreneurship with a focus on Intellectual Property Valuation and Finance in knowledge-based sectors. He holds a Masters degree in Technology Management and Economics from Chalmers University of Technology.



Mr. Nikolaus THUMM is Senior Fellow,
European Commission Joint Research Centre,
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He previously was the Chief Economist of the European Patent Office (EPO). Prior to joining EPO, he worked as Senior Economic Counsellor at the Swiss Federal Institute of Intellectual Property. He was chairman of the United Nations' Advisory Group on the Protection and Implementation of Intellectual Property Rights for Investment. Before that, he was working with the European Commission in Spain; he spent time as researcher at the European University Institute in Florence and with Europa Kolleg Hamburg, where he received his Doctorate degree.



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**Mr. Philip MENDES is Partner, Opteon, Inc.,
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He practised as a technology transactions lawyer for 30 years before stepping back from private practice in 2013. As a practitioner, Mr. Mendes represented universities, research institutes, start-up companies, venture capital firms, SMEs, publicly listed companies, multinational companies, and Australian and foreign governments in their technology transactions. He is an Adjunct Professor at Queensland University of Technology, where he lectures on the Management and Commercialisation of IP in the QUT-WIPO Masters of Intellectual Property Law program. Mr. Mendes has led or been a member of the transactions teams negotiating numerous global IP licenses, strategic alliances, joint ventures, collaborations, and IP mergers and acquisitions, across all technology sectors including pharmaceutical, biotechnology, medical devices, ICT, materials and chemical engineering, etc. Mr. Mendes has negotiated technology transactions with parties in over 20 countries, from large multi-national companies, to small companies, and with government parties. Mr. Mendes has undertaken what have been some of the largest technology transactions emerging from Australian research. He was appointed by the Australian Government to its Advisory Council on Intellectual Property, on which he served for 6 years, contributing to the Council's work of providing advice and recommendations



to the Australian Government on IP and innovation policy, including areas to be considered for legislative change. He has also served on the boards of technology based companies. Mr. Mendes is passionate about IP, its management, and its commercialization, both at a policy level, as well as at the implementation level.

Mr. James Packard LOVE is the Director of Knowledge Ecology International (KEI), Washington, DC, USA.

He is also the U.S. co-chair of the Trans-Atlantic Consumer Dialogue (TACD) Intellectual Property Policy Committee, and the chair of the Essential Inventions board of directors. He advises UN agencies, national governments, international and regional intergovernmental organizations and public health NGOs, and is the author of a number of articles and monographs on innovation and intellectual property rights. In 2006, KEI received a MacArthur Award for Creative and Effective Institutions. KEI was created in 2006 as a separate entity to carry out work earlier done through the Center for Study of Responsive Law and Essential Information. Mr. Love was previously Senior Economist for the Frank Russell Company, a lecturer at Rutgers University, and a researcher on international finance at Princeton University. He holds a Masters of Public Administration from Harvard University's Kennedy School of Government and a Masters in Public Affairs from Princeton's Woodrow Wilson School of Public and International Affairs.



Dr. Dominique FORAY is Professor,
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He also holds the Chair of Economics and Management of Innovation (CEMI). Dr. Foray is recognized as one of the leading academic experts in the economics of innovation and knowledge and economic policy implications of the new knowledge-based economy. He is a member of the National Research Council (Switzerland); the Advisory Board of the Swiss Economic Institute (KOF) and the World Economic Forum's Global Agenda Council. He served for the past four years as chairman of the expert group "Knowledge for Growth" of prominent economists advising the European Commission, DG research and as 2009-President of the EPIP (European Policy for Intellectual Property) association.



Ms. Alison BRIMELOW is the Chair of the Programme Advisory Council of the UK Research Councils' Centre for Copyright and New Business Models in the Creative Economy (CREATE), University of Glasgow, Glasgow, UK.

Ms. Brimelow was the Comptroller and Chief Executive of the UKIPO from 1999-2003. From 2004-2010, she was President-elect and then President of the European Patent Office (EPO). She chaired the Intellectual Property Institute at Queen Mary University of London from 2011-2014.



Dr. Jaroslav BURCÍK is Director, Technology and Innovation Center, Czech Technical University (CTU), Prague, Czech Republic.

The Center operates the business incubator and manages CTU's technology transfer activities. He is the author of three major projects that were approved for EU financing and heavily contributed to introducing technology transfer principles to the CTU. In 2008, he defined, established and developed The Centre for Business Cooperation (CSP) at the Faculty of Electrical Engineering. CSP was later integrated with the university's Technology and Innovation Centre into the existing Inovacentrum CTU. In 2009-2012, Dr. Burcík was an external expert for the Ministry of Education's EF-TRANS team preparing the transformation methodology for effective technology transfer at Czech universities. He is a specialist in building long-term relationships and cooperation between academia and industry. Based on the experience, he gained during his personal visits at transfer centers at leading universities abroad he has built one of the most successful centers for cooperation with industry in the Czech Republic, where he adapted the best practices to fit the conditions of the Czech Republic. He is a member of the CTU Rector's advisory team and a member of the steering committee of science and technology parks of the Czech Republic. Dr. Burcík



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Mr. Francisco Rafael Cano BETANCOURT is Director, Planning, Evaluation and Development, National Council for Science and Technology, Guatemala City, Guatemala.

Mr. Betancourt is a lawyer and notary, with extensive experience in Public Administration and Administrative Law, derived from over fifteen years of working with the State of Guatemala, in positions such as Legislative Assistant in the Office of International Programs Congress of Guatemala; Director of International Affairs of the Ministry of Labour and Government Delegate to the International Labour Organization in Geneva; Adviser for the Ministry of Agriculture, Livestock and Food and other ministries of the executive branch. In more recent years, he has worked as a consultant for productive projects and infrastructure of the Inter-American Development Bank, World Bank and Central American Bank for Economic Integration. Recently, he is coordinating the development of the National Policy on Science, Technology and Innovation and its National Plan, derived from the recent adoption of the Plan Nacional de Desarrollo: K'atun Nuestra Guatemala 2032 (National Development Plan: K'atun Our Guatemala 2032).



Dr. Sifeddine LABED is Director, Formation, Research, Innovation and Technology Transfer, Ministry of Post and Information and Communication Technologies (ICTs), Algiers, Algeria.

Presently, he is in charge of coordinating research and innovation activities in many research centers and technoparks in the field of ICTs. His last position was as Director of Valorization of Research Results, Innovation and Technology Transfer at the Ministry of Higher Education and Scientific Research (Algeria). As a researcher, he conducted many national research programs related to innovation and technology transfer that led to the selection of more than two hundred innovative projects in different fields. His interests focus on the central role of both Intellectual Property (IP) and academia-industry relationship in emerging countries. He achieved different trainings in collaboration with WIPO, on Patents, PCT and has been involved in the setup of Technology Transfer Offices in the Maghreb region. He leads the National Intersectorial Commission of Scientific Research on Industry & Technology. Among his R&D and Innovation activities, it is worth to mention a set of eight norms in solar energy and the publications of many articles in peer-reviewed journals. He earned his BS degree in Physics Engineering at Université Laval, Canada, his MS degree in Photovoltaic Power Engineering at the Joint Research Center, Isparta, Italy and his Ph.D. degree at the Polytechnic University of Madrid, Spain.



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Ms. Allison MAGES is Senior Counsel, IP Procurement and Policy, General Electric Company (GE), Shelton, Connecticut, USA, and the Representative, Intellectual Property Owners Association (IPO), Washington DC, USA.

Currently at GE, her focus areas include strategic IP portfolio development, trade secrets, emerging markets, and healthcare and energy technologies. Prior to her current role, Allison served as GE's Director of IP Operations where she developed metrics to monitor the health of IP departments, emphasizing enhancing patent quality while decreasing application pendency. She also led a team to standardize and improve GE's IP processes varying from patent preparation and enforcement to disclosure and budget management. In addition, Ms. Mages has extensive expertise in IP analytics, including developing intelligent and automated patent landscaping methodologies. As an inventor, she has been issued patents in diverse areas such as remote monitoring, information management, and surgical navigation. Ms. Mages earned her BS degree in Biomedical Engineering from Boston University and is a graduate of the Quinnipiac University School of Law. She is a member of the Connecticut bar and is registered to practice before the United States Patent and Trademark Office (USPTO).



**Ms. Audrey YAP is Founding Partner and Head,
IP Department, Yusarn Audrey, Singapore, Singapore.**

Ms. Yap's career in law spans over 2 decades. She is well known amongst her clients and peers as an astute IP lawyer and strategist, helping to shape her clients' IP portfolios and worldwide IP strategies to better extract value from their IP assets. She was named as one of Singapore's leading lawyers in the 2008 Who's Who Legal. She was the only lawyer from South East Asia named in 2009 and 2010 as one of the 250 World's Leading IP Strategists (IAM 250) in a London based survey conducted by IAM magazine. Ms. Yap served as the Regional Consultant (IP) to the World Intellectual Property Organisation (WIPO) in 2004 to design and head up a study involving IP as an economic tool for ASEAN where she provided expert advice and support to the ASEAN Secretariat and the ASEAN Working Group on IP Cooperation (AWGIPC). She also served as an external expert for the European Patent Office (EPO) under the EC-ASEAN IP Cooperation Programme in 2004. She is an Adjunct Fellow of the Intellectual Property Academy of Singapore and served as an examiner for the Intellectual Property Office of Singapore (IPOS) for the Patents Agents qualifying exams for several years. Ms. Yap has served on LES Singapore Exco since 1999 and was elected the President of



the Licensing Executives Society Singapore for 2011/2013 and served as Co-Chair of the Asia Pacific Committee, and Vice Chair, External Relations Committee LESI for a couple of terms. Ms. Yap is currently Legal Counsel to the LES International Board.

Mr. Xia WENHUAN is Director, Business Development, Transpacific IP Group Limited, Beijing, China.

Mr. Wenhuan drives business development in China and is based in Transpacific IP's Beijing office, working on sourcing international technology offers to match the technology requests by Chinese companies and investors. Mr. Wenhuan is focusing on international technology transfer opportunities in ICT, mobile health, medical services, biotech, energy-saving, advanced material and agrobusiness sectors. Prior to joining Transpacific IP, Mr. Wenhuan worked as a secretary-general of International Technology Transfer Network (ITTN) for 10 years. When managing ITTN, Mr. Wenhuan successfully built partnerships with over 300 supporting partners across 30 countries. Mr. Wenhuan handled international technology transfer projects and organized international technical and business corporation events such as, International technology Transfer Beijing Conference 2011, 2012, and 2013. Mr. Wenhuan was also the project leader for government funding research projects such as competitive cluster development in China, comparison analysis of current status of US-China cluster collaboration and EU-China cluster collaboration, as well as the identification of niches/opportunities and success factors for international government-aca-



demical-industrial collaboration. He is employed as a senior advisor of CHOICE Project, Dragon-Star Project, China Portugal Cluster Alliance and China Technology Exchange. Mr. Wenhuan holds a MS degree of International Relations in Economy and Trade from Flinders University of South Australia, and is a Senior Economist with a Technology Broker certificate.

Mr. Mario MATUS is the Deputy Director General, Development Sector, World Intellectual Property Organization (WIPO) in Geneva, Switzerland since December 2014.

Previously, he was Ambassador and Permanent Representative to the World Trade Organization (WTO), to the World Intellectual Property Organization (WIPO) and to United Nations Conference on Trade and Development (UNCTAD) since October 2005. He also was the Chair of the WTO General Council. He has also chaired the Committee on Trade and Environment in Special Session and the Working Group on the accession of Ukraine to the WTO. He served before as Director for Bilateral and Multilateral Economic Affairs of the Ministry of Foreign Affairs, Chief Trade Negotiator of the Chilean FTAs with China, European Union, EFTA, Korea, Trade Coordinator for Chile-US and Free Trade Agreement of the Americas (FTAA), as well as APEC Senior Official (2000-2005) and Chair of various Groups. Chair of the World Wine Trade Group (WWTG). From 1994 to 1998, he was Minister in charge of Trade at the Embassy of Chile to the United States in Washington D.C. His other posts have been Trade Advisor to the Undersecretary of Foreign Affairs (1992-1993) and Delegate to the GATT during the Uruguay Round negotiations (1987-1991). He has been Professor and Visiting Professor of Law and International Relations in various universities in Chile and the United States.



Mr. Matus has a Law degree from Universidad de Chile (1980) and Law, Economics, and International Politics at Oxford University, Queen Elizabeth House, St. Edmund Hall (1986-1987).

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