

INTERNATIONAL HUMAN RIGHTS NETWORK

OF ACADEMIES AND SCHOLARLY
SOCIETIES

Symposium

SCIENCE & HUMAN RIGHTS: NAVIGATING THE CURRENTS

Hosted by the National Secretariat for
Science, Technology and Innovation of
Panama & the Panamanian Association
for the Advancement of Science

OCTOBER 5, 2016

PANAMA CITY, PANAMA

A note from Carol Corillon, Executive Director of the H.R. Network, to Network participants:

On the occasion of the 12th Biennial Meeting of the International Human Rights Network of Academies and Scholarly Societies, which also marks my retirement as its Executive Director, I wish to express my unending gratitude to the dozens of national academies, and their members worldwide, that have upheld and supported the humanitarian goals of this organization for so many years.

I particularly want to thank the Executive Committee members, past and present, for their time, trust, wisdom, and invaluable contributions to our work as well as national academies in the United States, the Netherlands, Sweden, Italy, France, Switzerland, the United Kingdom, Sri Lanka, Morocco, Taiwan, Germany, and today our hosts in Panama, for so generously sponsoring our biennial meetings.

I leave feeling proud of what we have accomplished—the cooperation and cohesion and concern that have joined us all together in so many efforts to protect and promote the rights of scientists and scholars around the world. It has been an honor and unique privilege to work with so many renowned scientists and scholars, who are in such demand, yet have chosen to use much of their time and prestige and influence to defend and uphold the human rights of their less fortunate colleagues. Each of you has an individual and unique contribution to make toward strengthening and extending the reach and influence of our Network in the years to come and I trust that all of you will continue on the committed path so honorably trod by the Network's founding members—Francois Jacob, Max Perutz, Pieter van Dijk, and Torsten Wiesel—and you will give generously of your time, knowledge, compassion and vision.

Your new Executive Director, Dr. Rebecca Everly, J.D., comes to you with outstanding credentials, great intellect, leadership skills, a strong international legal and human rights background, and, perhaps most importantly, empathy and compassion. I know that you will all be as delighted as I am that she has accepted this responsibility and will make her feel as gratified as I do at having had this exceptional opportunity to help make our Network truly effective. I thank each of you for your trust and support from the bottom of my heart.





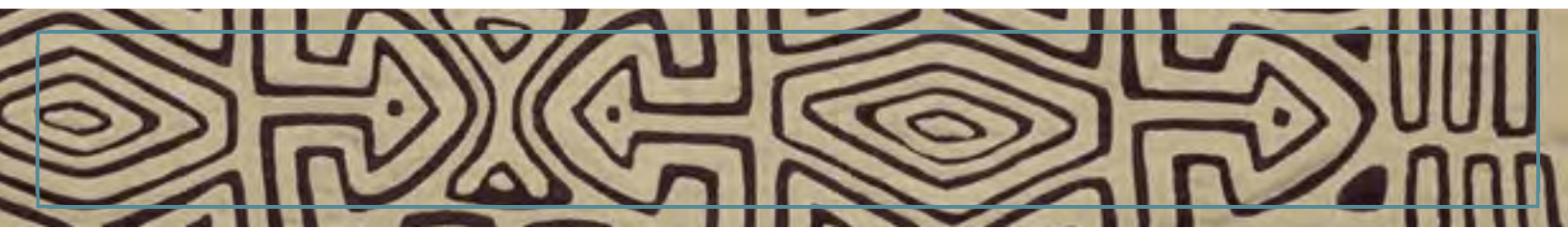
INTERNATIONAL HUMAN RIGHTS NETWORK

OF ACADEMIES AND SCHOLARLY SOCIETIES

On the occasion of its twelfth biennial meeting, the members of the Executive Committee of the International Human Rights Network of Academies and Scholarly Societies acknowledge with gratitude the vital financial support generously provided by Mrs. Daisy L. Hung , Dr. Abdallah S. Daar, an individual donor who wishes to remain anonymous, the Royal Danish Academy of Sciences and Letters, the French Academy of Sciences, the Royal Netherlands Academy of Arts and Sciences, the Norwegian Academy of Sciences and Letters, the Royal Swedish Academy of Sciences, the Academia Sinica (Taipei), the National Secretariat for Science, Technology and Innovation of Panama, the Panamanian Association for the Advancement of Science, and the United States National Academies of Sciences, Engineering and Medicine for helping us with meeting expenses and for supporting the travel and accommodation of a number of symposium speakers and meeting participants from national academies in developing countries.

The Executive Committee deeply appreciates and particularly wishes to thank Dr. Jorge A. Motta and the National Secretariat for Science, Technology and Innovation of Panama; Dr. Martin Candanedo and the Panama Association for the Advancement of Science; as well as their hard-working staff members for hosting this event. We thank Ms. Amy Bush, Ms. Patty Evers, and Ms. Tracy Baumgardt of the Network’s secretariat at the U.S. National Academies for their tremendous efforts in preparing and organizing this meeting, and Ms. Rose R.W. Lee for her assistance with facilitating the very generous financial gift from the Academia Sinica.

Lastly, we are profoundly grateful to Dr. Carlos Aguirre-Bastos for the countless hours over the past year that he has dedicated to organizing and preparing this event and for ensuring that it will be a wonderful success.





The National Secretariat for Science, Technology and Innovation of Panama (SENACYT) was founded on April 15, 1997 to establish the guidelines and tools for the development of science technology and innovation.



The Panamanian Association for the Advancement of Science (APANAC) is a private non-profit organization, whose mission is to work for the promotion of science and technology as the basis for national development. It was founded on January 4, 1985.


INTERNATIONAL HUMAN RIGHTS NETWORK OF ACADEMIES AND SCHOLARLY SOCIETIES

The Network aims to put into practice the professional duty of scientists and scholars to assist those colleagues whose human right have been—or are threatened to be—infringed and to promote and protect the independence of academies and scholarly societies worldwide.

Approved unanimously at the May 11, 2001, fifth biennial meeting of the International Human Rights Network of Academies and Scholarly Societies, held at the French Academy of Sciences in Paris.

NETWORK MISSION STATEMENT

The International Human Rights Network of Academies and Scholarly Societies, created in 1993, consists of national academies and scholarly societies around the world that work together to address serious science and human rights issues of mutual concern. The primary objective of the Network and the motivating factor in its creation is to use the influence and prestige of participating academies, by working in a collaborative manner, to actively defend the rights of professional colleagues—scientists, medical professionals, engineers, and scholars—who are unjustly imprisoned or persecuted for nonviolently expressing their opinions. The Network’s appeals are based on the standards set forth in the Universal Declaration of Human Rights, which was adopted by the United Nations General Assembly in 1948 and applies to all 193 member countries of the United Nations. The Declaration includes rights of particular importance to science and scientists because, when they are violated, they can have a significant detrimental effect on science and scientists themselves, in addition to a nation’s economy and the health and well-being of its citizens.



Network members subscribe to the belief that, because their academies and scholarly societies are held in high esteem and their dignity, integrity, and objectivity are widely recognized, their interventions can be a uniquely effective and influential tool in advancing respect for human rights. Additionally, the Network strives to provide its member academies and scientific colleagues with protection and moral support when their independence is threatened, they are subjected to repression, or their scholarly work is undermined for political reasons. Through the exchange of human rights-related ideas, information, and experiences, the Network encourages cooperation and open communication among academies and advances understanding of human rights issues that relate to science, technology, and health. It opposes, unequivocally, boycotts of academics and academic institutions, preferring to remedy problematic situations through continued communication.

The Network supports human rights consciousness-raising, education, and institutional commitment to human rights work among counterpart academies and scholarly societies worldwide. Some two dozen member academies now work collaboratively in submitting cases of unjustly imprisoned colleagues to UNESCO's Committee on Conventions and Recommendations. The Network also sends observers to the trials of colleagues who are unjustly accused, such as those of Alexandr Nikitin in Russia and Saad Eddin Ibrahim in Egypt, and to visit unjustly imprisoned colleagues, such as Binayak Sen, M.D., in Raipur, Chhattisgarh, India and, most recently, Kemal Gürüz, Mehmet Haberal, Fatih Hilmioğlu, and Faruk Yarman in high security prisons in Istanbul and Ankara, Turkey.

The Network is administered by an Executive Committee. In 1993, the devoted founding members were François Jacob* (France) [died in April 2013], Pieter van Dijk (Netherlands) [resigned in 2009], Max Perutz* (UK) [died in February 2002], and Torsten Wiesel* (USA) [resigned in 2007]. Today the Executive Committee includes Arjuna Aluwihare (Sri Lanka), Dorairajan Balasubramanian (India), Henrietta Mensa Bonsu (Ghana), Edouard Brezin (France), Martin Chalfie* (USA), Abdallah S. Daar (Canada/Oman), Belita Koiller (Brazil), Pedro León Azofeifa (Costa Rica), Dong-Pil Min (Republic of Korea), Ida Nicolaisen (Denmark), John Polanyi* (Canada), and Ovid Tzang (Taiwan). The Committee on Human Rights of the National Academies of Sciences, Engineering, and Medicine (USA) serves as Secretariat for the Network. Rebecca Everly directs the committee and will replace the Network's founding executive director, Carol Corillon, following this meeting.

While the Network's Executive Committee regularly makes public statements about particularly grave situations of relevance to the Network's charge and encourages academies that are Network members to do the same, all participating academies in the Network have full autonomy and act at their own discretion. They are strongly encouraged to create human rights committees and to urge their academies and their members to intervene in cases and issues brought to their attention by the Network Secretariat through regular Action Alerts sent by e-mail and posted on a private Network website. Members are also encouraged to refer potentially relevant cases and human rights issues to the Network Secretariat for investigation and possible action and to inform the Secretariat of particular situations that Network members should be made aware of or in which its Executive Committee may want to intervene in a formal manner. It is possible that, in future, as relations among academies in the Network are strengthened and shared concerns are more widely identified, the Network will take action as a group with one voice on selected cases and issues.

About every two years a different member academy hosts a symposium and workshops for the Network. Hosts to date have been the U.S. National Academies (1993), the Royal Netherlands Academy of Arts and Sciences (1995), the Accademia Nazionale dei Lincei in Italy (1997), the Royal Swedish Academy of Sciences and the Royal Swedish Academy of Arts, Letters, and Antiquities (1999), the French Academy of Sciences (2001), the Council of Swiss Scientific Academies (2003), the Royal Society, London (2005), the National Academy of Sciences of Sri Lanka (2007), the Academy of the Kingdom of Morocco (2009), the Academia Sinica, Taipei (2012), and the German Academy of Sciences, Leopoldina (2014). The Korean Academy of Science and Technology has graciously offered to host the Network's 2018 meeting and the Executive Committee has gratefully accepted.

The Network's secretariat is based at the U.S. National Academies and supported by the Academies' Committee on Human Rights, at a cost of several hundred thousand dollars per year. The Network receives limited financial support for its biennial meetings from the host organizations as well as various member academies (as mentioned above) and, occasionally, small grants from private foundations and gifts from individual donors. The secretariat needs several hundred thousand dollars a year to support its operations and gratefully accepts donations from private foundations and individual donors, as well as member academies. To make a gift, visit www.nationalacademies.org/humanrights.

Program

SESSION 1

Chair: Pedro León

09h00-09h15

Welcome

Dr. Martin Candanedo - President of the Panamanian Association for the Advancement of Science & Dr. Jorge A. Motta - National Secretary of the Secretariat for Science, Technology and Innovation, Panama

09h15-09h30

A Short History of the H.R. Network

Ida Nicolaisen - Cultural Anthropologist; Executive Committee, H.R. Network (Denmark)

09h30-10h15

Scientists and Scholars as Prisoners of Conscience and Operations of the H.R. Network's Secretariat

Martin Chalfie - Chair (Nobel Laureate in Chemistry) & Rebecca Everly - Director (Executive Director elect, H.R. Network) National Academies' Committee on Human Rights (United States)

10h15-10h30

Discussion

10h30-11h00

T E A / C O F F E E

SESSION 2

Chair: Abdalla Daar

11h00-11h30

Change through Education: Science Rights and Earth University

José Zaglul - President, Earth University (Costa Rica)

11h30-12h00

Palestinian Academics: Isolation Compounded by Deprivation

Yousef Najajreh - Dean of Scientific Research, Al-Quds University (Palestine)

12h00-12h30

Discussion

12h30-14h00

L U N C H

SESSION 3

Chair: Belita Koiller

14h00-14h30

The Interamerican Human Rights System and Comparative Analysis with Other Systems

Angelina Jaffe - Coordinator of the Human Rights Center of the Metropolitan University of Venezuela

14h30-15h00

Science, Human Rights and Latin America, an Overview

Carlos Aguirre-Bastos - Senior Policy Adviser at the National Secretariat for Science of Panama



SESSION 4

Chair: Belita Koiller

15h00-15h30

Scholars and Human Rights in Guatemala

Clara Arenas - Director of Guatemalan Association for the Advancement of Social Sciences-AVANCSO (Guatemala)

15h30-16h00

Science and Human Rights in Venezuela - A Status Report

Benjamin Scharifker - Rector of the Universidad Metropolitana & Angelina Jaffe - Dean of the School of Law of the Universidad Metropolitana (Venezuela)

16h00-16h30

Discussion

16h30-17h00

Closing Remarks

Ovid Tzeng - Chancellor, University System of Taiwan, Édouard Brézin - Professor Emeritus, École Normale Supérieure & Dorairajan Balasubramanian - Director of Research Emeritus and Distinguished Scientist at the LV Prasad Eye Institute



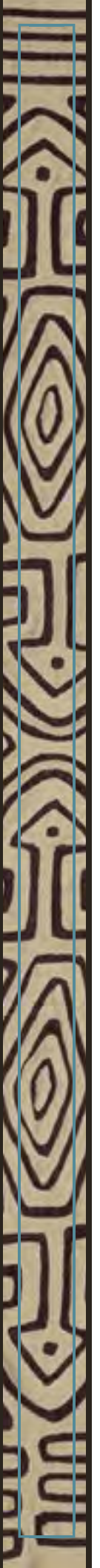
Speaker Bios

Carlos Aguirre-Bastos, Panama

Carlos Aguirre-Bastos is a specialist in science, technology and innovation and higher education policy in developing countries, with ample experience in Asia, Africa, Latin America and Europe. Since 2010, he has been Senior Policy Adviser at the National Secretariat for Science of Panama and is in charge of developing the area of policy studies and foresight. In addition, he is an Associate Researcher at the Institute for Economic and Social Research of the Bolivian Catholic University. Since 1976, he has been a Member of the National Academy of Sciences of Bolivia, of which he was President between 1992 and 2002. He was formerly a full professor, researcher and Director of the Physical Research Institute of the University of “San Andres” in Bolivia. He has been Associate Member of the International Center for Theoretical Physics in Italy and Executive Secretary of the Bolivian Council for Science and Technology. He has held several executive and visiting research posts in Bolivia and worldwide.

Clara Arenas, Guatemala

Clara Arenas is co-founder of the Association for the Advancement of the Social Sciences in Guatemala (AVANCSO), which was formed in 1986. She has been its executive director since 1990. Her formal studies include a degree in economics from Universidad Rafael Landívar and course work towards a Master’s degree from Universidad Del Valle de Guatemala. She worked in the Education Sector at the General Secretariat of the National Economic Planning Council and coordinated the editorial team of the weekly publication, *Inforpress Centroamericana*. She was also an anthropologist with the Firewood and Alternative Energy Sources Project at the Central American Institute of Investigation and Industrial Technology (ICAITI) and a consultant to the Central American Economic Integration Secretariat (SIECA). She is a member of the Board of Directors of the Center of Forensic Anthropology and Applied Sciences (CAFCA), a member of the “Constructor Group” of the Visión Guatemala Project, a member of the Historical Analysis Group that prepared input for the Guatemalan Truth Commission, co-founder and a member of the board of directors of the Myrna Mack Foundation, and a member of the Political Council of the Agrarian Platform. She represents AVANCSO in the Central American network of research centers members of the Latin American Social Science Council (CLACSO).





Rebecca Everly, United States

Rebecca Everly is the Director of the Committee on Human Rights of the U.S. National Academies of Sciences, Engineering, and Medicine and the Executive Director elect of the International Human Rights Network of Academies and Scholarly Societies. Dr. Everly, an international human rights lawyer, received her Ph.D. from the Cambridge University Centre of International Studies (U.K.). She also holds a Juris Doctor and Masters in International Law from Duke University (U.S.). Previously, she held positions with the International Development Law Organization (India), the Centre for Promotion of Human Rights Teaching and Research at Jawaharlal Nehru University (India), International Women's Rights Action Watch Asia Pacific (Malaysia), and the Office of the High Representative (Bosnia and Herzegovina).

Angelina Jaffe Carbonell, Venezuela

Born in 1961 in Munich Germany, Angelina Jaffe Carbonell is a Venezuelan lawyer. She earned her law degree from the Universidad Central de Venezuela and her Master's and Ph.D. degrees from the Université Paris 1 Panthéon-Sorbonne. She graduated summa cum laude and très honorable mention respectively. She also was granted the Roberto Goldschmidt Award. She has been a professor of international law, human rights, and maritime law at the Universidad Central de Venezuela, Universidad Simón Bolívar, Universidad de los Andes, Universidad de Carabobo, Universidad Rafael Urdaneta, and Universidad Metropolitana. She has been adviser of the Ministry of Foreign Affairs and the Gesellschaft für Technische Zusammenarbeit, among other institutions. She has also served as head of the Department of International Relations, director of the Law School, and director of the Human Rights Center of the Universidad Metropolitana. She has authored several publications on international law, human rights, and maritime law. Her publisher is the National Academy of Political and Social Sciences. She has been awarded fellowships by the Universidad Central de Venezuela, the Ministry of Foreign Affairs of France, and the International Red Cross.

Yousef Najajreh, Palestine

Yousef Najajreh began his higher education as a chemistry major at Bethlehem University. Due to its closure by Israeli military order, he moved to the Hebrew University-Jerusalem where he continued his studies and earned a B.S. degree in chemistry. He earned his M.S. and Ph.D. in medicinal chemistry of anticancer agents. Following a four-and-a-half year postdoctoral fellowship, he was recruited by Al-Quds University, where he established and led the Anticancer Research Drugs Research Lab. His research interests include improving the pharmacological profile of approved drugs, discovering novel cytotoxic agents, and studying their mechanism of action. In addition to several patents, he is a co-author of more than 30 research articles, reviews, and book chapters. From 2011 to 2014 he was Dean of Scientific Research.

Since August 2014 he has been Dean of the Faculty of Pharmacy. He teaches organic and medicinal chemistry to pharmacy students, chemotherapeutics, drug metabolism, modern synthetic methods, and chemistry of medicinal natural products, to list a few. He has supervised a number of master's students.


Benjamin Scharifker, Venezuela

Benjamin Scharifker is currently Rector of Metropolitan University and Professor Emeritus at Simon Bolivar University in Caracas, Venezuela. After receiving a PhD in Physical Chemistry from Southampton University, UK, he joined the faculty of Simon Bolivar University in 1980, shaping an Electrochemistry research group and serving successively as Department Head, Research Dean, Vice Rector and Rector. He has published more than 100 research papers in international journals with over 5000 literature citations (h = 36) and holds 3 US patents. He has received several honours, including the Tajima Prize from the International Society of Electrochemistry, the Prize for Scientific Work in Chemistry from the National Council for Science and Technology Research of Venezuela, and the Lorenzo Mendoza Fleury Prize from the Polar Enterprises Foundation. He is past president of the Venezuelan Academy of Physical, Mathematical and Natural Sciences, and member of the Latin American Academy of Sciences.



José Zaglul, Costa Rica

José Zaglul is the President of EARTH University, an international, private, not-for-profit institution located in Costa Rica. Since inception in 1989, he has guided EARTH's mission to *“prepare leaders with ethical values to contribute to sustainable development and to construct a prosperous and just society”*. He is devoted to the vision to form young leaders from socio-economically depressed regions to help improve the quality of life of their communities. He promotes a language of love and respect in academia and motivates students and professors to foster peace between people and harmony with the environment. A Costa Rican born to Lebanese parents, he holds a PhD in Animal Science, an M.S. in Food Science and Human Nutrition from the University of Florida, and an M.S. in Animal Science from the American University of Beirut (AUB) in Lebanon, where he also completed his undergraduate studies. Additionally, California Polytechnic State University, Chatham University and the National University of Life and Environmental Sciences of Ukraine have bestowed upon him Honorary Doctorate degrees. The University of Florida granted him a Distinguished Alumnus Award and the AUB Faculty of Agricultural and Food Sciences has recognized his outstanding achievements.



Executive Committee Bios

INTERNATIONAL HUMAN RIGHTS NETWORK OF ACADEMIES AND SCHOLARLY SOCIETIES

Arjuna Aluwihare, Sri Lanka

A.P.R. Aluwihare is Emeritus Professor of Surgery at the University of Peradeniya. After attending Trinity College, he obtained his basic medical degree at Kings College, Cambridge and the London Hospital. He did his postgraduate work in Sri Lanka and England, FRCS(Eng) in 1966 and obtained his M.Chir (Cambridge) in 1970 at the Royal College of Surgeons London and St. Marks Hospital. He joined the University in 1971. He was vice chancellor, chairman of the University Grants Commission, a member of the Human Rights Commission, and chairman of the Board of Study in Surgery of Sri Lanka, amongst other posts. He has examined in the Final Fellowships in London, Pakistan, Nepal, Bangladesh, and Sri Lanka. He was on the Editorial Board of the British Journal of Surgery. He was founder and president of the SAARC Surgical Care Society and past president of the College of Surgeons of Sri Lanka (amongst others). He has traveled and worked widely, including a Hunterian Professorship at the RCS England. He has honorary fellowships at the Royal College of Surgeons of England and the Bangladesh College of Physicians and Surgeons, ad hominem fellowships at the College of Surgeons of Edinburgh and the Royal College of Physicians and Surgeons of Glasgow, a DSc from his university, and other honors. He has written widely, including a Chapter in Oxford Text Book of Surgery, and a Disc Book updating the London FRCS STEP course. The Sri Lankan government honored him in 1998 with the title “Vidya Jothi” for outstanding contributions to science.

Dorairajan Balasubramanian, India

Dorairajan Balasubramanian is a biological scientist and, currently, Director of Research Emeritus and Distinguished Scientist at the LV Prasad Eye Institute in Hyderabad, India. In addition, he is currently the chair of India's Inter-Academy Panel on Ethics. He has been the secretary general of the Academy of Sciences of the Developing World (TWAS) in Trieste, Italy and a past president of the Indian Academy of Sciences in Bangalore, India. He is a fellow of all three science academies in India, the Indian Academy of Social Sciences, the German Academy of Sciences Leopoldina, TWAS, the African Academy of Sciences, the Mauritian Academy of Sciences & Technology, and the American Association for the Advancement of Science (AAAS). He has been a member of UNESCO's International Basic Sciences Panel. A winner of UNESCO's Kalinga Prize for the Popularization of Science, he writes a fortnightly column on science in the national English language newspaper of India, *The Hindu*, and is engaged in the area of public understanding of science.

Édouard Brézin, France

Édouard Brézin is a French theoretical physicist who has made contributions to condensed matter and high energy physics. He has been a member of the theory division of the École Normale Supérieure since 1986 and is now professor emeritus. He pioneered the modern theory of critical behavior and developed methods for extracting testable predictions for critical exponents. He has also made contributions to string theory. He was elected a member of the French Academy of Sciences in 1991 and served as president of the academy in 2005-2006. He also is a foreign associate of the U.S. National Academy of Sciences, a foreign honorary member of the American Academy of Arts and Sciences, a foreign member of the Royal Society (U.K.), and a member of the Academia Europaea. In 2011, he was jointly awarded the prestigious Dirac Medal of the Abdus Salam International Centre for Theoretical Physics.

Martin Chalfie, United States of America

Martin Chalfie is University Professor and former chair of the Department of Biological Sciences at Columbia University. In 2008 he shared the Nobel Prize in Chemistry for his introduction of Green Fluorescent Protein (GFP) as a biological marker. Dr. Chalfie was born in Chicago, Illinois. He obtained both his A.B. and Ph.D. from Harvard University and did postdoctoral research with Sydney Brenner at the MRC Laboratory of Molecular Biology, Cambridge, England. He has taught at Columbia University since 1982, when he joined the faculty as an assistant professor. He is a neurogeneticist who uses the nematode *Caenorhabditis elegans* to study nerve cell differentiation and mechanosensation. In addition to his membership in the U.S. National Academy of Sciences and National Academy of Medicines, Dr. Chalfie is a fellow of the American Academy of Arts and Sciences, the American Association for the Advancement of Science, and the Royal Society of Chemistry (Hon.). He chairs the Committee on Human Rights of the U.S. National Academies of Sciences, Engineering, and Medicine.

Abdallah S. Daar, Oman/Canada

Abdallah S. Daar is professor of clinical public health, global health, and surgery at the University of Toronto. His work has encompassed surgery, organ transplantation, bioethics, and global health. His major research focus is on the use of life sciences to ameliorate global health inequities, with a particular focus on building scientific capacity and increasing innovation in developing countries, in addition to studying how life saving technologies and interventions can be rapidly taken from “lab to village.” He is a fellow of TWAS, the African Academy of Sciences, the Islamic World Academy of Sciences, the Royal Society (Canada), and the Stellenbosch Institute for Advanced Study. He is on the board of the World Diabetes Foundation and chairs the Scientific Advisory Boards of Grand Challenges Africa and the Alliance for Accelerating Excellence of Science in Africa, under which a new research funding organization, Grand Challenges Africa, has been created. He is the holder of UNESCO's Avicenna Prize for Ethics of Science.

Belita Koiller, Brazil

Belita Koiller is professor of physics at the Instituto de Fisica, Universidade Federal do Rio de Janeiro. She is the first woman to be elected a full member to the Brazilian Academy of Sciences in physical sciences, she has been a research fellow of the Brazilian National Research Council since 1985, and is currently president of the Brazilian Physical Society. In 1982 she received a Guggenheim Fellowship, and, in 1994, she served as a member of the International Council for Science's Committee on Capacity Building in Science. She was decorated "Comendador da Ordem Nacional do Mérito Científico" by the Presidency of Brazil in 2002. She is also a L'Oréal UNESCO 2005 Laureate for Women in Physical Sciences.

Pedro León Azofeifa, Costa Rica

Pedro León is a biologist. He received his undergraduate degree from Baylor University and his doctorate from the University of Oregon. He has recently retired from the Medical School of the University of Costa Rica, where he was involved in teaching and research, promoting the creation of the first cell and molecular biology center in Costa Rica. He was very active with the environmental movement for the creation of the national parks in Costa Rica and with the peace movement committed to keeping Costa Rica as one of the only demilitarized countries in the world. His scientific contribution has been recognized by his election as a founding member of the National Academy of Sciences of the Costa Rican Academy of Science and is currently the Academy's president. He is also a foreign associate of the Latin American Academy of Science (ACAL) and the U.S. National Academy of Sciences.

Henrietta Mensa-Bonsu, Ghana

Henrietta Mensa-Bonsu is the director of the Legon Centre for International Affairs and Diplomacy (LECIAD) and a Full Professor of Law at the University of Ghana, Legon's Faculty of Law. With a distinguished career spanning over three decades and still counting, Professor Mensa-Bonsu has served in a number of high-level international capacities. A highpoint in these positions was her appointment as the deputy special representative of the U.N. Secretary-General for Rule of Law in Liberia from 2007 to 2011. In this position, she had the privilege of leading the United Nations' family on efforts to reconstruct the law-enforcement and judicial sectors of post-conflict Liberia. Prior to her appointment to the U.N. Mission in Liberia, she twice served as a member of the Committee of Eminent Jurists on the Lockerbie Case and Hissene Habre Case for the Organization of African Unity and the African Union respectively. She has recently served as a civilian mentor to the ECOWAS Senior Mission Leadership Course at the National Defence College, Abuja, Nigeria (3rd-14 September 2012).

Dong-Pil Min, Republic of Korea

Dong-Pil Min is a member of the Scientific Advisory Board to the U.N. Secretary General and the president of the Korean Association of the Advancement of Scientific Culture. He is a professor emeritus in physics at Seoul National University. In 2011 he was appointed ambassador-at-large of the Republic of Korea for science and technology international cooperation. Serving as chairman of the Korea Research Council of Fundamental Science and Technology from 2008 to 2011, he launched the Seoul Science and Technology Forum aiming to build the platform and network for appropriate technology transfer to and collaboration with developing countries. He has served as chair of the Association of National Information Research Centers and director general of the Korea Research Foundation. He also serves as chair of the Asian Nuclear Physics Association (ANPhA). He earned a Ph.D. (1976) and Doctor of Science (1980) in nuclear and theoretical physics, respectively, from the University of Paris. He received national medals for his contribution to the progress of science and science education from the Korean government in 2012 and from the French government in 2010. He was also given a medal by the President of Korea for his original contributions to the establishment of the International Science Business Belt program in 2016.

Ida Nicolaisen, Denmark

Ida Nicolaisen is professor emeritus of cultural sociology at Copenhagen University's Nordic Institute of Asian Studies. She is author and co-author of more than 20 scientific books and numerous scientific articles, editor-in-chief of the Carlsberg Nomad Research Project, and former vice-chair of the Danish Development Agency. She previously served as vice-chair of the U.N. Permanent Forum on Indigenous Issues and chair of the Soeren Kierkegaard Research Center. She serves on various international boards, including the International Chittagong Hill Tract Commission, WorldWide Fund for Nature-Denmark, the All European Academies' Ethical Commission, the World Diabetes Foundation, the Royal Danish Geographical Society, Humanity in Action International, and the Israeli-Palestinian Science Organization. She has conducted extended anthropological research among indigenous peoples in West Africa and in Southeast Asia, in particular Borneo. She is an elected member of the American Academy of Arts and Sciences, the American Philosophical Society, the Royal Danish Academy of Sciences and Letters, and the Palestinian Academy of Science and Technology. She is a Knight of the Order of Dannebrog.



John Polanyi, Canada

John Polanyi is professor of chemistry at the University of Toronto. He is a member of the Royal Society of Canada. In 1960 he was founding chair of the Canadian Pugwash Group, where he remained chair until 1978. He has published over 100 articles on peace and human rights and is currently president of the Canadian Committee of Scientists and Scholars. In 1986 John Polanyi, Dudley Herschbach, and Yuan T. Lee were awarded the Nobel Prize in Chemistry “for their contributions concerning the dynamics of chemical elementary processes.”

Ovid Tzeng, Taiwan

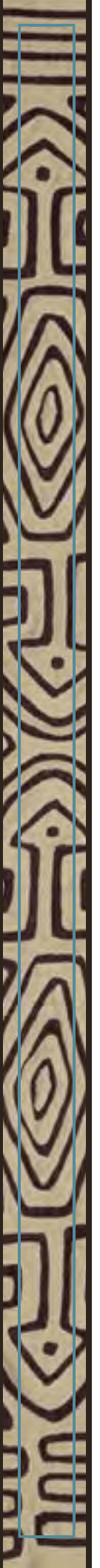
Ovid J. L. Tzeng is chancellor of the University System of Taiwan (UST) and a distinguished research fellow and academician of the Academia Sinica. He was the Minister of Education, the Minister without Portfolio of the Executive Yuan, and the Minister of Council for Cultural Affairs. He is an outstanding researcher in cognitive neuroscience and neurolinguistics and an experienced administrator in academic institutions. He has established UST to oversee and integrate the research and teaching developments of Taiwan’s four top research universities, namely Central-, Chiao Tung-, Tsing Hua-, and Yang-Ming Universities and has been UST chancellor since 2012. Prior to the chancellorship, Professor Tzeng was vice president of the Academia Sinica in Taiwan, in charge of the International Scholarly Exchange Program as well as developments in Taiwan’s International Graduate Program (TIGP). Not only did he create TIGP, he also ensured that the program has well served students from developing countries. Professor Tzeng was named a fellow of the World Academy of Sciences in 2010. He received the Distinguished Alumnus Award from Pennsylvania State University in the United States and the First-class Professional Education-Culture Medal from the Ministry of Education in 2011 and 2012, respectively.



Network Executive Director

Carol Corillon

Since 1993, Carol Corillon has served as the Executive Director of the International Human Rights Network of Academies and Scholarly Societies. She was the Director of the Committee on Human Rights (CHR) of the National Academies in Washington, D.C. from 1982 until 2015. She was also executive director of Friends of the Israeli-Palestinian Science Organization, USA and a former member of Human Rights Watch/Africa and the International Council for Science's Committee on Freedom and Responsibility in Science. From 1980-1984 she worked for the National Research Council's Committee on the Sahel and, from 1970-1980, as a freelance print and broadcast journalist in the Democratic Republic of the Congo, working for BBC radio, The Economist, and other publications.





For further information contact the Network Secretariat:

**International Human Rights Network of Academies
and Scholarly Societies**

c/o Committee on Human Rights

The National Academies

500 5th Street, N.W.

Washington, D.C. 20001

Tel. 1-202-334-3043



Fax: 1-202-334-2225



chr@nas.edu

www.nationalacademies.org/hrnetwork