

Hans-Jürgen Hoyer

Columbia, Maryland

United States of America

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Education

Resident Scholar in Global Engineering

George Mason University, Fairfax, Virginia

Volgenau School of Engineering

Engineering Executive Council, Morgan State University

Global Visiting Professor, University of Maryland BC

Resident Scholar in Global Engineering

Marquette University | Milwaukee, Wisconsin (USA)

Visiting Scholar

Massachusetts Institute Technology (MIT) | Cambridge, Massachusetts (USA) Center for International Studies and Sloan School of Management

Fellow

Harvard University | Cambridge, Massachusetts (USA)

School of Education & John F. Kennedy School of Government

American University | Washington, District of Columbia (USA) **Ph.D. | Doctor**

of Philosophy

Latin American Studies and U. S. Foreign Policy

University of Kentucky | Lexington, Kentucky (USA)

M.A. | Master of Arts

Cultural Anthropology, International Relations, Political Science and History

Experience

University of Georgia | Athens, Georgia (USA)

B.A. | Bachelor of Arts

Political Science and International Relations, Music

Secretary General (Since 2011)

International Federation of Engineering Education Societies (IFEES)

Provide overall leadership to the development of a global network of engineering associations including educators, deans, association leaders, corporate representatives, students, civil society leaders, and governmental officials focusing on engineering education and technology and institution building globally. Responsible for planning and implementation of capacity building activities and conferences and workshops globally. Resource generation and programmatic collaboration with representatives of UNITAR, World Bank, Altair, UNESCO, Organization of American States (OAS), National Instruments, Dassault Systèmes, Airbus Group, Infosys, Boeing, Siemens, Autodesk, MathWorks, Quanser, Ansys-Granta Design, Rambus, Phoenix, Total SA, and other donor agencies. Board member of Engineering for the Americas, an OAS sponsored initiative to develop policies and strategies for science and technology throughout the Americas. Co-founder and Executive Advisor to the Indo-Universal Collaboration for Engineering Education. I travel to, make presentations on engineering education, and work in close collaboration with academics, government officials, corporate leaders and civil society representatives planning national, regional, and global events in China, India, Russia, East and

Central Asia, Latin America, the Middle East and Sub-Saharan Africa. Developed strategy for sustainability and initiated the strategic planning process. Co-chair, advisor to several global and regional conferences, including the World Engineering Education Forum (WEEF). Co-founded and serves as an advisor for the Student Platform in Engineering Education Development (SPEED). Advisor on the Indo-Universal Collaboration for Engineering Education (IUCEE). Journal and the Journal of the African Engineering Education Association.

Executive Secretary (Since 2012)

Global Engineering Deans Council (GEDC)

Global responsibility to manage and support global network of deans and rectors of engineering colleges, universities, and corporations. Plan and implement global strategies including completion of participatory three-year strategic plan, raise financial resources and tripled the size and scope of the organization since its inception in 2008. Work closely with deans in different areas of the world and support the creation of deans' councils in India, Latin America, Africa, Central and East Asia, all of whom are linked to the GEDC. Developed sustainability strategy and raised financial resources from corporate colleagues and deans to carry out workshops, webinars, leadership institutes, and global conferences. Organization grew sixfold during the last three years.

American Society for Engineering Education (ASEE)

Senior Director for International Programs and Strategy

Washington, District of Columbia (USA)

Overall responsibility for developing and implementing continuing education activities, including global colloquiums linking deans, faculty, students, representatives of governments, corporations and multi-lateral organizations focusing on training, research, advocacy, continuing education, technological literacy, and science & economic development. Raised funds and develop close partnerships between corporations, foundations, universities, and government organizations globally. Advocacy in the USA and abroad. Built global federation focusing on science and technology education. Responsible for planning and implementation of global colloquiums. Involve students to work in poverty-stricken communities globally to solve technical problems. Extensive travel globally, building linkages between regions. Responsible for implementing first Global Colloquium.

World Links (World Bank Institute)

Chief Executive Officer

Washington, District of Columbia (USA)

Held responsibility for overall strategic direction of World Links, a global learning network formed by the World Bank Institute linking U. S. students, adult learners, administrators and teachers with peers throughout the world via the internet for collaborative projects focusing on the environment, science education, literacy, gender issues, health, HIV/AIDS, technology, small business enterprise, sustainable agriculture, politics, gender issues and integration of technology into learning. World Links, a spin-off of the World Bank, provided educational technology services geared towards global non-governmental organizations, high schools, government, community organizations, and development agencies.

Worked closely with the World Bank Institute and obtained resources from major global corporations and governments in South America, the Middle East, Africa, and Asia. Collaborated with Harvard's School of Education and ICT task force. Formed regional office and advisory groups in Brazil, Central America, India, and the Arab World. Obtained World Bank and USAID funding for post-conflict work in Rwanda and Eastern Europe. Established Arab world advisory council in Jordan that included Queen Rania (Jordan) and a board of directors for India. In

partnership with the World Economic Forum and the UN, engaged in advocacy work related to educational issues. Networked with faculty, students, and top governmental officials, including the President of the World Bank. Organization closed with departure of World Bank president. Developed a broad funding strategy that includes resources from the corporate world (Microsoft, Accenture, JP Morgan Chase Foundation, Goldman Sachs Foundation, DHL, Hewlett Packard), venture capitalists, philanthropists and entrepreneurs, multi and bilateral organizations (World Bank, USAID, US Department of Education, Government of Republic of China [Taiwan], Government of Japan.

Heifer International

Executive Vice President and Chief Operating Officer

Accountable for management, fundraising, and strategic planning of the organization in 15 US states and 40 countries. Directed \$60 million, 700-person staff operation, including management of the organization's executive team. Designed and implemented initiatives focusing on continued education, literacy, small business enterprises, environment, health, community development, and delivered strong community and capacity building.

Strategic Planning: Initiated first ever global strategic planning process produced draft.

Developed staff committees focusing on varied strategic concepts. Created an environment that was highly appreciated to drive achievements. Recognized for successful execution and integration of the vision.

Recruitment Reenergizing: Transformed domestic oriented HR department into professional, international structure. Changed the paradigm and boosted staff enthusiasm. Built foundation to provide worldwide staff mobility and enhancement of skills.

Internal Operations: Developed tactic and commitment to implement into communication strategy. Obtained budget approval, creating the most successful ever budget process. Focused on issues of accountability and conceptualized importance regarding impact of work, ability to measure legal and financial issues. Made staff accountable to carry out consistent performance reviews. Designed concept around building of a learning organization. Raised people's awareness and wrote a paper about learning from successes and failures. Expanded profile of issues around gender and diversity, creating proactive strategy to attract minority groups.

American Soybean Association, Saint Louis (MO), United States

Regional Executive for Europe, the Maghreb, Mexico, & Central America

Mexico City, State of Mexico (Mexico) and Brussels, Brussels-Capital Region (Belgium)

Maintained and grew trade worth US \$2 billion and \$1 billion respectively. Executed advocacy work and strategic relationship building representing the interests of 500,000 farmers and biotech soy-related companies operating in these markets, and worked with US, Mexican, Central American, and European governments, the EU Commission, European Parliament, and farmer chapters in the US. Worked closely with farmers' leadership and volunteers in the US. Executed advocacy work and strategic relationship building between US farmer interests and multinational companies operating in these markets, and worked with all the US and European governments, the EU, Parliament, and civil society. Additional responsibilities / accomplishments included:

- Developed first ever strategic plan with outside assistance.
- Improved quality of professional journal and internet relevant to trade issues. Worked closely with expert advisors to provide information on biotechnology to legislators, industry, and the public.
- Built coalitions with like-minded organizations.
- Facilitated intercontinental trade missions.
- Provided technical assistance to food and feed industries.
- Lobbied with the European Parliament and EU Commission.

CARE/USA

Global Director of Programs, Technical Support and Analysis

Support provided to strengthen national and global partnerships, regional offices in 60 countries to improve programming quality in health, literacy, continuing education, micro-credit, rehabilitation, building of civil society and local staff capacity, environmental, sustainable development groups, girls education, advocacy, monitoring, and evaluation. Led staff of 60 multidisciplinary professionals and obtained funding from numerous governmental agencies, foundations. As member of executive management and senior management teams, led strategic direction and management of a division that included six departments with a staff of 60. These departments supported 60 country offices and four regional offices worldwide to improve quality of programming with issues focusing on local partners and children, health and population, agriculture, environment, community development, education, micro-credit and enterprise, monitoring, and evaluation.

Additional responsibilities / accomplishments included:

- Directed systems overseas and assessed impact.
- Supported advocacy initiatives.
- Trained field staff in strategic planning.
- Raised and managed over US\$ 30 million annually in restricted grants.
- Edited development Journal.
- Introduced innovative / cutting edge approaches to further mission worldwide.

PLAN INTERNATIONAL

South Asia Regional Executive

New Delhi, India and Colombo, Sri Lanka

Directed a regional office, managing growth to 45 field offices with multicultural staff of 2,500. Served on global executive management team, developing strategic directions related to advocacy, public health/educational/literacy issues and work in conflict areas such as Sri Lanka. Full general management responsibility, including revenue/expenditure for US\$50 million. Produced five-year strategic plan for federated organization and drove fund-raising and public awareness with member organizations and the public in the U.S., Canada, Europe, Canada, and Japan regarding public policy issues affecting communities.

Provided leadership that produced five year strategic plan, and drove fund-raising and public awareness activities with member organizations and the public in the US, Europe, Canada and Japan with regard to public policy issues affecting developing nations.

Additional responsibilities / accomplishments included:

- Managed the internship program for university students and volunteers. -Facilitated exchanges between professionals worldwide.
- Reduced expenses and increased ratio of benefits from 70/30 to 80/20.
- Business turnaround: recruited to turn around US\$ 25 million distressed regional operation.
- Within two years, successfully relocated, restructured funds and human resources.

Dean, Graduate Program in International Management

Development Director of the Executive Training Unit

School for International Training, World Learning

Brattleboro, Vermont (USA)

Directed graduate degree program that developed policy, intercultural managerial, and training competencies for professionals working in socio-economic development in the US and globally as well as multicultural management, training, continuing education, and advocacy issues. Taught courses on community and international development/advocacy. As executive of the senior

management team, acted in strategic, education, and operational leadership. Managed lecturer series.

Lutheran World Relief/Church World Service

Regional Director for Brazil, the Andean Region and East & Southern Africa

Lima, Peru and Nairobi, Kenya

Led region-wide development/grass roots mobilization, community health, literacy, rehabilitation, environmental, legal rights and human rights activities. Provided institutional strengthening support for over 100 local partner agencies and grassroots organizations, and drove health, political education, legal assistance, and children issues. Worked with victims and their families of political repression.

Catholic Relief Services

Deputy Director for Brazil and Advisor for Latin America

Recife, Pernambuco (Brazil)

Held overall program responsibility for Northeast Brazil, focusing on rural development, children's issues, and human rights activities. Supported and trained local grassroots organizations and NGOs. Additional responsibilities / accomplishments included:

- Facilitated ecumenical collaboration with social action groups representing many denominations.
- Handled program / project evaluation and staff training.
- Raised funds from donor organizations.

Instructor in the Departments of General Studies & Sociology/Anthropology George Mason University Fairfax, Virginia (USA)

Instructor

Montgomery Community College Tacoma Park, Maryland (USA)

Analyst

Inter-American Foundation
Rosslyn, Virginia (USA)

United States Peace Corps | Chile

Volunteer

Advisor to cooperatives; teacher in agricultural high school

Other Experiences

Governing Board Member

International Centre for Engineering Education (ICEE)
Collaboration between the Chinese Academy of Engineering (CAE) and UNESCO

Post-Doctoral Fellow (1973-1975)

Organization of American States (OAS)
Carried out research in Argentina, Paraguay, and Uruguay

Board Member

Engineering for the Americas Initiative
Initiative co-sponsored by HP, MS, research institutes and universities of the OAS

Advisory board member UNITAR (UN) Division of Prosperity

Governing board member International Center for Engineering Education/UNESCO/Tsinghua University, Beijing

Board of Directors and global advisor, Tishk International University, Erbil, KRG, Iraq

Qatar University and CAS Liaison, USA

Advisor to SUSTech, China; Macro/Engineering Faculty/ CORFO, Chile

Strategic Advisor, Quanser, Canada

U-Planner, Chile; University of Emerging Technology and The Emerging Tech Foundation

“Honorary Professor” Distinction (by Board of Regents)

Obuda University
Budapest, Hungary

Nirma University
Ahmedabad, Gujarat (India)

Ricardo Palma University
Lima, Peru

East Kazakhstan State Technical University Oskemen,
Kazakhstan

Co-Founder

Indo-Universal Collaboration for Engineering Education (IUCEE)

Languages

Fluent (FSI 5): English, German, Spanish, Portuguese

Basic: French, Italian, Kiswahili, Quechua

Publications

“Open Minds: Reflections on Human Development and South-North Issues”

Sarvodaya Press, Colombo

“Beyond Housing. Child, Health and Community Centered Habitat Transformation.”

ICON Press, New Delhi

“Die Deutschen in Uruguay,” pp. 742 to 766. In Harmut Froschle’s Die Deutschen in Latein Amerika. Schicksal und Leistung. Horst Erdmann Verlag, Tubingen und Basel, 1989. Ph. D. dissertation: Germans in Paraguay. A Study of Social and Cultural Isolation. American University, 1973.

“The Historical Setting in Argentina”

“The Armed Forces and National Security in Argentina”

“The Government System of Argentina”

“The Foreign Policy of Argentina”

All are chapters in book by Thomas E. Weil, et. al. Area Handbook for Argentina, Washington, DC 1975.

“The Government System of Bolivia”

“The Armed Forces and National Security in Bolivia”

The Foreign Policy of Bolivia”

All are chapters in book edited by Thomas E. Weil, et. al. Area Handbook for Bolivia, Washington, D. C., 1975.

“The Foreign Policy of Paraguay” in Harold E. Davis and Larman Wilson’s Latin American Foreign Policy. An Analysis. Johns Hopkins University Press, 1986.

PUBLICATIONS AND WRITINGS ON DEVELOPMENT AND OTHER ISSUES

HANS J. HOYER, Ph. D.

- “Reflections on Third World Development” in Global Economic Policy, Journal of the Genomics Institute, Winter 1990. Volume 2, Number 1.
- “The Price of Human Intervention” in World VIEW, Summer 1990.
- “Brazil, 1990. Personal Reflections of a Recent Journey”, Unpublished Presently.
- “Levels of Evaluation Analysis.” 1990. Unpublished.
- “Southern NGO’s: Dealing with Multiple Donors. 1990. Unpublished.
- “Ideas for the Process of Social Change.” 1990. Unpublished.
- Several book reviews published in Growth and Change between 1972 and 1978 i. e. Colin Greer’s ed. Divided Society, The Ethnic Experience in America. Volume 6, no. 4, October 1975; Abdul Said’s ed. Protagonist of Change, Subcultures in Development and Revolution, vol. 3. No. 4. October 1972 and others.
- Understanding Central and South America: A Primer for Yanquis.” Geonomics. Volume III, No. 6, November / December 1991.
- “Reflections Re: Effectiveness Principles for Rural Development. 1990. Unpublished.
- “Ursachen der Unterentwicklung” in Miserior Aktuell, May and June 1985.

Special Contributing Editor to the Handbook of Latin American Studies published yearly by the Hispanic Foundation, Library of Congress. Until 1976 I reviewed all scholarly literature in the social sciences and humanities related to Latin America that was published in the German Language.

- “Mujer y Protagonismo popular en la Región Andina. Consejo Latinoamericano de Iglesias. Lima, Perú, 1989.

Published articles, chapters in books, book reviews and other documents related to public policy regarding engineering education, health and education, science, appropriate technology, and organizational issues.

Involvement

Founding Board Member

El Taller | Tunis, Tunisia

Worldwide civil society group that included Nelson Mandela on its board

Advisory Board

Hewlett Packard (HP)

E-learning and small business practices

Past Committee Member

World Economic Forum | Switzerland

Focused on information communication technology and integration into education

Subcommittee Member

United Nations

Focused on information communication technology

Global Exposure

Extensive professional and personal experiences throughout the Latin America, Africa, Asia, US/Canada, Middle East, Australia and Eastern & Western Europe. Visited over 140 countries and resided in Mexico, Brazil, Chile, Peru, Ecuador, Kenya, Zimbabwe, Tanzania, Bolivia, Paraguay, India, Sri Lanka, the U.S., Belgium, and Germany. US citizen. I grew up in Berlin, Germany, immigrated to the United States as a teenager and started my professional career as a Peace Corps volunteer in Chile.