

CURRICULUM VITAE

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DEGREES: Bachelor of Science: Biology (National University of Mexico) Mexico, D.F. 1971-1974
Master of Science: Human Ecology (School of Public Health, University of Texas) Houston, TX, USA 1979-1982

LANGUAGES: English: read, talk and write

PROFESIONAL EXPERIENCE:

- 1) *Center for Ecological Research for the Southeastern Region:* Chief of the Serology Laboratory, activities related to research on tropical diseases (malaria, onchocerciasis, amebiasis and ascariasis). San Cristóbal las Casas, Chiapas; 1976-1978.
- 2) *Ministry for Human Settlements and Public Works:* Planning of strategies and policies for development based on ecological approach. Ecological diagnosis of different areas of Mexico for proposal of developmental alternatives. Mexico, D.F.; 1978-1979.
- 3) *Ministry for Human Settlements and Public Works (SEDUE/SEDESOL):* Analyses of life quality of the Metropolitan Area of Mexico City from an ecological approach; Chief of Department, organizing activities on environmental education for students at different levels and non-student population, Mexico, D.F.; 1982-1984.
- 4) *Center for Academic Studies on Environmental Pollution (University of Querétaro):* Consultant on environmental problems and responsible for organizing the meeting "Ecology and Environmental Protection". Queretaro, Qro.; 1984.

- 5) *National Institute of Perinatology*: Epidemiological research on perinatal risks. Mexico, D.F.; 1985-1986.
- 6) *School of Public Health of Mexico*: Responsible for the joint ECO/PAHO postgraduate program on Environmental Health with academic, administrative and organizational activities. Teaching in different programs (Environmental Health, Master of Public Health, and other joint ECO/PAHO postgraduate courses). Mexico, D.F.; 1986-1989.
- 7) *General Direction of Environmental and Occupational Health, and Basic Sanitation (Ministry of Health)*: Activities related to health risks communication, and environmental and occupational health. Mexico, D.F.; 1990-1991.
- 8) *United Nations Environment Program*: Activities regarding the development of training courses in environmental education for Latin America; 1993.
- 9) *World Health Organization*. Activities related to writing an anthology on Women, Environment and Health. Geneva, Switzerland-Mexico City, Mexico; 1993.
- 10) *Pan American Center for Human Ecology and Health, PAHO/WHO*. Activities related to promotion and education on environmental health for the Region. Translation or revision of technical papers from IPCS, EPA, ATSDR. Reviewer of several ECO's publications. Activities regarding risk communication for Latin America. Metepec, Edo. de Mexico; 1989-1996.
- 11) *Research and Advanced Studies Center*: Proposal for a risk assessment methodology for Mexico based on EPA and ATSDR methodologies. This information will be basic for a standard proposal. 1994-1995.
- 12) *British Council*: Consultant in health projects for Mexico. 1995-1996.
- 13) *Research and Advanced Studies Center/National Institute of Ecology*: Project for mercury assessment for Mexico as part of the Environmental Commission for NAFTA. 1996.
- 14) *Pan American Center for Human Ecology and Health, PAHO/WHO*: Grant Manager for GTZ/ECO project of Pan American Network for Hazardous Wastes, grant manager for environmental epidemiology projects for Latin America (EPA). 1996-1997.
- 15) *Autonomous Institute for Ecological Research*: Director of Communication. 1998-1999.
- 16) *North American Center for Environmental Information and Communication*. General Coordinator of the Environmental Information Center. 1999- 2000.
- 17) Coordinator, Environmental Health Program. The United States-Mexico Foundation for Science. 2001-2006.
- 18) Co-author, Chapter *Challenges and Opportunities* (GEO-4 Outlook) to be published in 2007 by the United Nations Environment Programme.
- 19) Professor. Department of Public Health. School of Medicine. National University of Mexico. 2006-

- 19) Co-author, GEO-4 Outlook, Latin America and the Caribbean, to be Publisher in 2007 by the United Nations Environment Programme.
- 20) Co-author, GEO-Health (Seeking Integrated Tools and Solutions for Environment and Health Problems in Latin America and the Caribbean, United Nations Environment Programme, Pan American Health Organization and Oswaldo Cruz Foundation (Brazil).

PUBLICATIONS:

- a) *Plan ecológico de la desembocadura del río Balsas*. México, Secretaría de Asentamientos Humanos y Obras Públicas, 1979.
- b) Sánchez-Carrillo CI, **Moreno-Sánchez AR**. La morbilidad debida a los sismos de septiembre de 1985, en la Ciudad de México. *Salud Pública de México*. 1987; 29(5):389-398.
- c) López-Acuña D, González de León D, **Moreno-Sánchez AR**. *Salud Ambiental en México*. México: Universo XXI; 1987.
- d) **Moreno-Sánchez AR**. Ecología, Contaminación y Salud. *Investigación Ciencia y Tecnología*. 1991; 13 (173):31-35.
- e) Galvão LA, **Moreno AR**. *Ecotoxicología*. Anales del Congreso de Guatemala, 3 al 5 de octubre de 1991.
- f) Corey G, **Moreno AR**, Lima JL, Aguilar C, comp. *Bibliografía mexicana sobre plomo y salud*. Metepec: Centro Panamericano de Ecología Humana y Salud; 1991.
- g) **Moreno AR**, Eslava L, Lima JL, comp. *Bibliografía mexicana sobre contaminación del aire*. Metepec: Centro Panamericano de Ecología AR Humana y Salud; 1992.
- h) **Moreno AR**. comp. *Bibliografía sobre contaminación ambiental en México*. Metepec: Centro Panamericano de Ecología Humana y Salud; 1993.
- i) **Moreno AR**. *Risk communication workshop*. ECO/PAHO, 1993.
- j) Belmar R, Hofmeister VA, Michaels D, **Moreno AR**, Romieu I. Air Pollutants. In: Finkelman J, Corey G, Calderon R. *Environmental Epidemiology: A Project for Latin America and the Caribbean*. Metepec, Méx.: PAHO/WHO, EPA, IPCS/UNEP, GEENET/WHO; 1993.
- k) World Health Organization. *Women, Health & Environment. An Anthology*. Geneva, 1994. WHO/EHG/94.11. (Contributor).
- l) **Moreno AR**. *Comunicación de Riesgos*. Corey, G. (ed). In: Taller de Introducción para la Evaluación y Manejo de Riesgos. Metepec: Centro Panamericano de Ecología Humana y Salud/Environmental Protection Agency. 1995.
- m) McMichael, A. J. (ed). *Human Population Health* In: Climate Change 1995. Impacts, adaptations and mitigation of climate change: Scientific-technical analyses. World Meteorological Organization/United Nations Environment Program. New York: Cambridge, 1996. (Contributing author).
- n) McMichael, A.J. Haines, A. Sloof, R. and Kovats, S. (eds.). *Climate Change and Human Health*. World Health

- Organization/World Meteorological Organization/United Nations Environment Program. Geneva, 1996. (Contributing author).
- o) **Moreno AR.** *Trabajos Pioneros. La Salud Ambiental. Retos y Perspectivas hacia el Siglo XXI.* Garibay G. (comp.). Guadalajara: Centro Universitario de Ciencias Biológicas y Agropecuarias/Universidad de Guadalajara. 1997.
- p) Watson RT, Zinyowera MC, and Moss RH (eds.). Latin America. *The Regional Impacts of Climate Change. In: An Assessment of Vulnerability.* Intergovernmental Panel on Climate Change. World Meteorological Organization/United Nations Environment Programme. Cambridge University Press, Australia, 1998. (Contributor).
- q) **Moreno AR.** Differences and common grounds of risk perception in different cultures. In: Matthes R, Bernhardt JH, and Repacholi MH. *Communication and its Application to EMF Exposure.* Vienna, Austria, October 22 and 23, 1997. International Commission on Non-Ionizing Radiation Protection and World Health Organization. Germany, 1998. ICNIRP 5/98.
- r) **Moreno AR.** Sherlock Í and Carcavallo R. *Ecological Approach of Chagas' Disease Epidemiology.* In: Carcavallo, R. (ed). *Atlas de Tripanosomiasis Americana.* Rio de Janeiro: Fundação Oswaldo Cruz. 1999.
- s) Mata LJ, Campos M, Basso E, Companucci R, Fearnside P, Magrin A, Marengo J, Moreno AR, Suárez A, Solman S, Villamizar A, and Villers L. Latin America. In: McCarthy JJ, Canziani OF, Leary NA, Dokken DJ, and White KS (eds.). *Climate Change 2001. Impacts, Adaptation, and Vulnerability.* Intergovernmental Panel on Climate Change. World Meteorological Organisation/United Nations Environment Programme. Cambridge University Press, Australia, 2001. pp. 693-734.
- t) **Moreno AR** and Arrazola M. Environmental education and telecommunications. Proceedings of the 6th International auDes Conference Brindging Minds & Markets. Bridging Environmental Education & Employment in Europe. Venice, Italy 5-7 April, 2001.
- u) **Moreno AR.** *Climate Change and Human Health, Risk Communication and Information.* Conference Climate Variability and Change and their Health Effects in the Caribbean: Information for Climate Variability and Change Adaptation Planning in the Health Sector. Bridgetown, Barbados, May 20-21, 2002.
- v) **Moreno AR.** Impacts of climate change and human health and communication and information tools as adaptation measures. International Symposium on Climate Change. Beijing, China, 2003.
- w) **Moreno AR.** Climate Change and Public health: Education, Information and Communication. *World Resource Review.* 15(3):305-318, 2003.
- x) Scheraga, J.D. Ebi KL, Furlow J and **Moreno AR.** From Science to Policy: Responses to Climate Change. In: *Climate Change and*

Human Health: Risks and Responses. (McMichel AJ, Cambpbell-Lendrum DH, Corvalán, C, Ebi KL, Githeko A, Scheraga JD and Woodward A (eds.)). WHO/WMO/UNEP. Geneva, 2003.

y) Kovats, S. Ebi, KS, and Menne B. Methods of assessing Human vulnerability and public health adaptation to climate change. Health and Global Environmental Change. Series N° 1. WMO/Health Canada/UNEP. Copenhagen, Denmark, 2003. (Contributing author).

z) **Moreno AR** y Tarragó Ó. Self Instruction Course: Risk Communication. Pan American Health Organization, WHO, 2005. (<http://www.cepis.org.pe/tutorial6/i/index.html>).

aa) **Moreno AR. 2006** Climate change and human health in Latin America: drivers, effects, and policies. *Regional Environmental Change* 6:157-164.

bb) **Moreno AR**, Ebi K, Githeko A y Pulwarty R. *The Socio-Economic Benefits of Climatological Services to the Health Sector*. Technical Note 145 (Actualización). World Meteorological Organization. (In press).

cc) **Moreno AR.** Glossary; Environmental Health Terms. United Nations Environment Programme/Pan American Health Organization. (In press).

TEACHING: Courses on human ecology, environmental pollution, environmental health, ecotoxicology, risk communication, climate change and human health.

MEETINGS: More than 40 national and 40 international meetings (Mexico, Germany, Sweden, Switzerland, Peru, Finland, Uruguay, USA, Austria, Australia, Portugal, Barbados, China, Costa Rica, Netherlands, Kenya, Canada, Trinidad & Tobago, Brazil).

COURSES: Toxicology, risk assessment, air pollution, ecodevelopment, environmental epidemiology, pesticides, occupational risks, risk communication (Mexico, Brazil, United Kingdom and Italy).

CONSULTANCIES: 1) Development of the Master of Science course on Environmental Health. Cuba, 1990.
2) Development of risk communication course and technical support on the same topic. Cuba, 1991.

- 3) Teaching the Risk Communication Workshop in Mexico (Chihuahua, Chih. 1993; Guadalajara, Jal. 1994; Mexico, D.F. (twice in 1995, 2000); Metepec, Edo. de Mexico, 1995; Toluca, 1996; Cuernavaca, 1997, 1998, 2003, 2004; Cda. Juárez, Chih. 1997; Nicaragua (Managua, 1994); Argentina (Mar del Plata and Buenos Aires, 1995); Ecuador (Portoviejo, 1996); Chile (Viña del Mar 1997); Pedasí (Panamá, 2001); San José (Costa Rica 2001); Lima (Perú, 2001, 2003); Madrid (Spain, 2004); El Paso, Tex (USA, 2004); Managua, Nicaragua, (2005). Torreón, Coah. (Mexico, 2006); Cuernavaca, Mor. (Mexico, 2006); Sao Paulo (Brazil, 2006); Santiago (Chile, 2006).
- 4) Teaching the Environmental Communication Workshop for Journalists, Federal District Department, Mexico, D.F. 1995.
- 5) Environmental Health policies and research for the State of Jalisco, Guadalajara, Jal. 1997.

ASSOCIATIONS:

Mexican College of Biologists, A.C. 1996-2002.
 Institute of Climate, Washington, D.C.
 Mexican Society of Public Health
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REFERENCES:

1) *Dr. Osvaldo Canziani*
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