CURRICULUM VITAE **Mónica Terán-Hernández**

Updated Sep 25, 2017

San Luis Potosí, México. Nationality: Mexican

I. ACADEMIC QUALIFICATIONS:

- Member of the Sistema Nacional de Investigadores, SNI (The National System of Researcher) in Mexico, CONACYT.
- 2016: Ph.D. (Universidad Nacional Autónoma de México) by thesis, “Dinámica espacial de la incidencia del cáncer cervicouterino en San Luis Potosí, S.L.P., México: un análisis desde la perspectiva de la geografía de la salud” http://tesis.unam.mx/F
- 2011. Visiting non-graduating research student at Lancaster University. Division of Medicine CHICAS Combining Health Information, Computation and Statistics under supervision of Professor Peter J. Diggle. Distinguished university professor of Statistics.
- 2006: M.Sc. (Universidad Autónoma de San Luis Potosí) by thesis, “Diseño de un modelo de atención para un centro comunitario de salud ambiental infantil indígena” http://ninive.uaslp.mx/jspui/bitstream/i/3884/3/MCA1DMA00601.pdf
- 2007: Diploma in Environmental Audit. “Environmental Management System (EMS) and Environmental legislation PROFEPA-UASLP”.
- 2001: Diploma in Quality Health Research. Centro Universitario en Ciencias de la Salud. Universidad de Guadalajara.
- 1998: Diploma in Basic Sciences from Clinical Approach. Universidad Autónoma de San Luis Potosi (UASLP).

II. OTHER PROFESIONAL ACTIVITIES:

- University Professor, Universidad Autónoma de San Luis Potosí, since January 1998.
- Visiting fellow at Agency for Toxic Substances and Disease Registry (ATSDR). 2007.
- Professor of the course on Management and Communication of risk in Environmental Health within the program of update in Public Health and Epidemiology (PASPE) 2013 to date, the course is part of the "Training Program in children's environmental health and prevention of chronic diseases in Latin America "in 2014-2015 and from 2017 will be part of the" Diploma in evaluation, communication and risk management ". National Institute of Public Health, INSP. Cuernavaca, Morelos; Mexico.
- Tutor in the second, third and fourth edition of the virtual Diplomacy Educational Competences for Sustainable Development 2012-2013, 2013-2014 and 2014-2015, Environmental Agenda, UASLP (Moderation, review of projects and tutorials).
- Tutor in the fifth, sixth and seventh edition of the Virtual Diploma Design of Environmental Education Projects and for sustainability 2012-2013, 2013-2014 and 2014-2015, Environmental Agenda, UASLP (Moderation, review of projects and tutorials).
- Tutor in the third virtual seminar on environmental education and sustainability, May 5 to June 20, 2014. Environmental Agenda, UASLP (Moderation, review of projects and tutorials).

- Geography of health approach: Spatial distribution of environmental, socioeconomically factors and their contribution to the burden of the Acute Lymphoblastic Leukemia (ALL). Collaboration with Dra. Jaqueline Calderón-Hernández, Centro de Investigación Aplicada en Ambiente y Salud (CIAAS), UASLP.
- Poster presenter in Spatial Statistics 2017. One World-One Health. 4-7 July in Lancaster University, UK.
- Oral presentation in Spatial Statistics 2015, Emerging Patterns, 9-12 June 2015. Avignon, France. “Spatial Analysis of Cervical Cancer Incidence and socioeconomic conditions en San Luis Potosi, State, Mexico.
- Oral presentation in 2010 AAG Annual Meeting. The Spatial Dynamics of oncogenic Human Papillomavirus Infection in women from San Luis Potosi, Mexico: Some Preliminary Results.

III. TEACHING EXPERIENCE:

I have development and taught courses in a university context, including under graduate and postgraduate degree courses (master) in statistics, epidemiology, promotion and health education, environmental health, evaluation-communication and risk management, and sustainable development.

IV. RESEARCH INTERESTS:

My main areas concern Geography of Health, spatial statistics, spatial epidemiology and communication and risk management, especially as applied in the health, social and environmental sciences.

My main substantive research interests are Geography of health approach and spatial statistics for decision-making in relation to preventive and education interventions and e-health applications.

V. PUBLICATIONS:

- Terán-Hernández Mónica. (2017). Spatial Accessibility to cervical –cancer prevention and control services in San Luis Potosí. A proposal from the Geography of Health. Investigaciones Geográficas. Instituto de Geografía, UNAM. doi:dx.doi.org/10.14350/rig.56936 E-print
- Terán-Hernández M. (2017). "Territorio y Proceso de envejecimiento" en Proyecto SABE: Salud, Bienestar y Envejecimiento. UASLP, CENAPRECE, Secretaría de Salud.
- Terán Hernández, M., R. Ramis Prieto, J. Calderón Hernández, C.F. Garrocho Rangel, J. Campos Alanís, J.A. Ávalos Lozano, M. Aguilar Robledo (2016a), "Geographic variations in cervical cancer risk in San Luis Potosí state, México: A spatial statistical approach", *International Journal for Equity in Health*; vol.15, núm.161: DOI 10.1186/s12939-016-0448z.
- Terán Hernández, M., F. Díaz-Barriga, A.C. Cubillas-Tejeda (2016), "Diagnóstico de salud y percepción de riesgos, elementos clave para una propuesta de intervención en comunidades indígenas", *Rev Panam Salud Publica*, vol.2, núm.39, pp.106–14. [URI http: http://iris.paho.org/xmlui/handle/123456789/28222].
- Tarrago Oscar, Terán-Hernández M. (2011). "Comunicación de riesgos por exposición a residuos tóxicos: propuesta de intervención a exposición por plaguicidas" en Garza Almanza V., *Comunicación Ambiental y Fuentes de riesgo a*

la salud, Cd. Juárez, Chihuahua, México. Colección el observatorio Ambiental No.13. ISBN: 978-607-8214-00-6.

VI. RESEARCH STUDENT SUPERVISION:

- International Master. (2017) A German- Mexican Master Progamme Environment and Resources Management (ENREM). Ramírez Paredes Socorro Isabel. Thesis: Spatial modeling of environmental risk associated with children´s Health.
- Public Health Master. (2017) Camargo Hernández Jorge Andrés. Thesis: Spatial distribution of physically active index as predictor of Teenager health.
- PhD Geography programme, Universidad Nacional Autónoma de México (UNAM). Castrezana Campos María del Rocío. Thesis: Influencia de los factores geográficos y ambientales en la incidencia del cáncer de mama en México.

VII. LEISURE INTERESTS

Sport: I enjoy running and cycling.

Music: I enjoy listening to most styles, but especially early music, jazz and folk music.

Cooking: I enjoy cooking.