

## **CURRÍCULUM VITAE** **(EXTENDED VERSION)**

**EDGAR ZAYAGO LAU**

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### **I. CURRENT APPOINTMENTS**

- (2010 – 2013) Adjunct Professor, Department of Latin American Studies, Simon Fraser University, Burnaby, BC, Canada.
- (2009 –) Associate Professor, Development Studies Program, Universidad Autónoma de Zacatecas, Mexico.
- (2009 –) Coordinator – Exchange Program in Development Studies, Saint Mary’s University & Universidad Autónoma de Zacatecas.
- 2007 –) Technical Secretary Latin American Nanotechnology & Society Network (ReLANS) – Zacatecas, Mexico.
- (2005 –) Advisor to ORCATO, “Tepeahua-Otomi Peasant Organization”, Huehuetla, Hidalgo, Mexico.

### **II. DEGREES**

- **PhD. in Development Studies**, graduated with highest distinction (August 2006 – November 2009). Universidad Autónoma de Zacatecas, Mexico.
- **Master of Arts in International Development Studies**, (September 2003 – June 2005). Saint Mary’s University, Halifax, Nova Scotia, Canada.

#### **Thesis:**

Zayago Lau, Edgar (2006). *State Led Investment in Mexico's Industrial Development: Lessons from an Asian Tiger*. Ottawa, Library and Archives of Canada. ISBN: 049405137.

- **Bachelor of Science in Foreign Trade**, graduated with highest distinction (August 1997 – July 2002). Universidad Autónoma del Estado de Hidalgo, Hidalgo Mexico.

### **III. CURRENT RESEARCH AREAS**

- Theory and Practice of Community Based Development
- Science, Technology and Development: Nanotechnology
- Development Theory/Policy nexus
- Environment & Development

#### **IV BOOKS**

Márquez, Humberto; Soto, Roberto & Zayago Lau, Edgar (eds.) (2010). *Visiones del Desarrollo*. México D.F: Miguel Ángel Porrúa

#### **V CHAPTERS IN BOOKS**

Foladori Guillermo & Zayago Lau, Edgar (2010). Las nanotecnologías y los sistemas nacionales de innovación. En Márquez, Humberto; Soto, Roberto & Zayago Lau, Edgar (eds.) *Visiones del Desarrollo*. México D.F: Miguel Ángel Porrúa.

Zayago Lau, Edgar (2010 – in progress). Nanofood: the isolation of the consumer. In Mclurcan, Donnie (ed.), *Nanotechnologies as if the World Mattered*. Melbourne: KTI.

Zayago Lau, Edgar & Rushton Mark (2008). Chapter 1. Nanotechnologies for Development in Latinamerica. In Foladori, Guillermo and Invernizzi, Noela (eds.) *Nanotechnologies in Latin America*. Berlin: Rosa-Luxemburgo-Stiftung.

Foladori, Guillermo & Zayago Lau, Edgar (2008). Chapter 4. Tracking Nanotechnology in Mexico. In Foladori, Guillermo and Invernizzi, Noela (eds.) *Nanotechnologies in Latin America*. Berlin: Rosa-Luxemburgo-Stiftung.

Foladori, G, M. Rushton & E. Zayago Lau (2008). Chapter 4. Center of Educational Excellence in Nanotechnology: The Proposed World Bank Scientific Millennium Initiatives and Nanotechnology in Latin America. In Barrañon, Armando (ed.), *New Nanotechnology Developments*. Washington, D.C.: Nova Publishers.

Foladori, Guillermo & Edgar Zayago (2008). El pasado devela el presente. Los estudios sobre evaluación de tecnología. En Foladori, Guillermo y Noela Invernizzi (eds.), *Nanotecnologías en la alimentación y en la agricultura* Montevideo: Universidad de la República.

Foladori, Guillermo & Zayago Lau, Edgar (2008). Cap. 6 México se incorpora a la nueva revolución de las nanotecnologías. En Guillermo e Invernizzi, Noela (eds.) *Las Nanotecnologías en América Latina*. México D.F.: Miguel Ángel Porrúa.

Zayago Lau, Edgar & Rushton, Mark (2008). Cap. 1 Nanotecnologías para el desarrollo en Latinoamérica. En Foladori, Guillermo e Invernizzi, Noela (eds.), *Las Nanotecnologías en América Latina*. México D.F.: Miguel Ángel Porrúa.

#### **V ARTICLES**

Foladori, Guillermo & Zayago Lau, Edgar (2010). What Lies Beneath: Trade Unions and the Moratorium on the Commercialisation of Nanotechnologies. *Science Technology Society*, 15 (1), 155 -168.

Zayago Lau, Edgar & Foladori, Guillermo (2010). Nanoalimentos: tendencia al aislamiento del consumidor. *Trayectorias*, Núm. 29, 55-74.

Foladori, Guillermo & Zayago Lau, Edgar (in press – 2010). The Role of Organized Workers in the Regulation of Nanotechnologies. In *The Yearbook of Nanotechnology in Society*, Volume 2.

Zayago Lau, Edgar y Foladori, Guillermo (in press – 2010). La nanotecnología en México: un desarrollo incierto. *Economía, Sociedad y Territorio*, Núm. 32.

Foladori, Guillermo & Zayago Lau, Edgar (2009). Mexico: Country Profile in Nanotechnology. *Nanomagazine*, Issue 15, December.

Foladori, Guillermo; Invernizzi, Noela & Zayago Lau, Edgar (2009). Two Dimensions of the Ethical Problems Related to Nanotechnology. *NanoEthics*, 3 (2), 121-127.

Zayago Lau, Edgar; Foladori, Guillermo y Rushton Mark (2009). Nanotecnología y los enclaves del conocimiento en Latinoamérica. *Estudios Sociales*, 27 (34), 327-348.

Foladori, Guillermo and Edgar Zayago. (2007). Tracking Nanotechnology in Mexico. *Nanotechnology Law & Business*, 4 (2), 211-222.

#### **VI TRANSLATIONS**

Foladori, Guillermo (2008). The US Military's Influence on Nanotechnology Research in Latin America (Trans. Edgar Zayago) *INESAP Information Bulletin* 28, 87-91.

Foladori, Guillermo & Fuentes, Verónica (2008). Nanotechnology in Chile: Towards Knowledge Economy? In Foladori, Guillermo and Invernizzi, Noela (eds.), *Nanotechnologies in Latin America* (Trans. Edgar Zayago) Berlin: Rosa-Luxemburgo-Stiftung.

#### **VII ARTICLES IN NEWSPAPERS**

Zayago, Lau Edgar (2007). La nanotecnología como solución contra el cáncer. *Milenio*, Agosto 1, 2007.

Zayago, Lau Edgar (2007, July 31). *Nanotechnology in Mexico: A Path with no Plan*. Nanowerk News.

Zayago, Lau Edgar (2007). La nanotecnología y el desarrollo económico. *Milenio*, Marzo 13, 2007.

#### **VIII TEACHING ACTIVITIES**

- (2009 –) “Development Theory” DS01– Exchange Program in Development Studies, Saint Mary’s University – Universidad Autónoma de Zacatecas, Zacatecas, Mexico.
- (2009 –) “Practice of Local Development” DS02 – Exchange Program in Development Studies, Saint Mary’s University – Universidad Autónoma de Zacatecas, Zacatecas, Mexico.
- (2009 –) “Research Methods” DS03 – Exchange Program in Development Studies, Saint Mary’s University – Universidad Autónoma de Zacatecas, Zacatecas, Mexico.

- (August, 2009) “Nanotechnologies in the European Union and Latin America: Developments, Challenges and Perspectives”, Summer School–EULAKS (European Commission), Facultad Latinoamericana de Ciencias Sociales (FLACSO), Mexico City.

### **IX OTHER ACTIVITIES**

- (May 2009 –) Weekly Columnist “Criterio Hidalgo”, *Column Visión Crítica [Critical Vision]*.
- (2004 – April 2009) Weekly Columnist MILENIO Diario, *Column Visión Crítica [Critical Vision]*.
- (March 2006 – June 2006) Junior Analyst, Poverty Studies Committee, World Bank Institute, Mexico City.
- (May 2005 – December 2005) Research Assistant, International Development Studies Department, Saint Mary’s University, Halifax, Nova Scotia, Canada.

### **X PRESENTATIONS IN CONGRESS**

- (April, 2010) Congress “InGenio 2010”, Instituto Tecnológico de Estudios Superiores de Monterrey, ITESM – Campus Tampico. Presentation: Nanotecnología: una solución a la crisis?
- (August, 2009) Congress “Global Food Crisis”, Unidad Académica en Estudios del Desarrollo, UAZ, Zacatecas, Zacatecas. Presentation: “Nanofoods, Towards the Isolation of the Consumer”.
- (August, 2009) Congress “The Role of Social Science in the Construction of Knowledge-based Societies: Latin American and European Perspectives”, FLACSO, México DF. Presentation: “Nanotechnologies in Latin America: Developments, Trends and Challenges”.
- (May, 2009) Congress “Nanotecnología na América do Sul: Desenvolvimento e Implicacoes Sociais”, Universidad Tecnológica Federal do Paraná. Curitiba, Brazil. Presentation: Nanotechnological Developments in Mexico.
- (February, 2009) Congress “XIV Simposio de Ciencia de Materiales”, Centro de Nanociencias y Nanotecnología, UNAM, Ensenada, Baja California. Presentation: “El camino mexicano de la nanotecnología”.
- (August, 2008) Congress “Universidad Internacional de Verano”, CULAGOS, UdeG, Lagos de Moreno, Jalisco. Presentation: “Anticipando los impactos de la nanotecnología: el pasado revela el futuro”.
- (February, 2008) “Colloquia: Institute for Nanotechnologies”, Universiteit Twente, Enschede, the Netherlands. Presentation: “Nanotechnology and Society in Latin America”.

- (July, 2007) Congress “Universidad Internacional de Verano”, CULAGOS, UdeG, Lagos de Moreno, Jalisco. Presentation: “Tracking Nanotechnology in Mexico”.
- (March, 2005) Congress “Conceptualizing International Development for the New Millenium”, Presentation: “A Tiger’s Transferable Lesson: State-Led Investment in Mexico”. Saint Mary’s University, Halifax, Nova Scotia, Canada.

### **XI GRANTS**

- (2006 – 2009) Scholarship, National Council of Science and Technology (CONACYT), for Doctoral Studies, Development Studies Academic Unit, Universidad Autónoma de Zacatecas.
- (2008) Project of Regional Community Development, Innovation and Human Capital (Proderic 2008-1), *Zacatecas: Programas de Tecnología para el Desarrollo Local*, Gobierno del Estado de Zacatecas.
- (January 2008 – April 2008) Scholarship, Nanotechnology Europe–Latin America Forum (Nanoforum\_EULA). European Commission, Sixth Framework Program, Mesa+ Lab, Universiteit Twente, Enschede, The Netherlands.
- (2004 – 2005) Scholarship, Research and Graduate Studies, International Development Studies Department, Saint Mary’s University, Halifax, Nova Scotia, Canada.

### **XII DISTINCTIONS**

- (2009) “Best Student Award”, PhD Program in Development Studies, Universidad Autónoma de Zacatecas, Mexico.
- (January 2008 – April 2008) Visiting Researcher, Nanotechnology Europe–Latin America Forum (Nanoforum\_EULA). European Commission, Sixth Framework Program, Mesa+ Lab, Universiteit Twente, Enschede, The Netherlands.
- (2001) “First Place: Financial Knowledge Marathon”, Universidad Autónoma del Estado de Hidalgo, Mexico.

### **XIII LANGUAGES**

- Spanish, native.
- English, TOEFL CBT 267, Essay Rating 5.5 (2003); Two years of instruction for graduate studies at the MA level; conferences, seminars and teaching activities since 2003.
- German, beginner.