

Associate Professor “SI-1”  
Center for Demographic, Urban and Environmental Studies  
El Colegio de México A.C.  
Carretera Picacho Ajusco No. 20, Col. Ampliación Fuentes del Pedregal,  
Del. Tlalpan, Mexico, D.F., C.P. 14110  
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E-mail: [vmgarcia@colmex.mx](mailto:vmgarcia@colmex.mx)  
<https://sites.google.com/site/drvicormgarciguerrero/>  
<https://github.com/vicmgg>

## **EDUCATION**

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**El Colegio de México A.C. (COLMEX), Centre for Demographic, Urban and Environmental Studies (CEDUA), Mexico.**

2006-2009 PhD on Population Studies.

Supervisors: Dr. Manuel Ordorica Mellado and Dr. Reynaldo Yunuen Ortega Ortíz.

**Universidad Nacional Autónoma de México (UNAM), Faculty of Economics, Mexico.**

2004-2005 Diploma in Advanced Econometrics.

**UNAM, Faculty of Engineering, Postgraduate Studies Division, Mexico.**

2002-2004 M.Eng. in Operational Research

Supervisor: Dr. Francisco Venegas Martínez

**UNAM, Faculty of Sciences, Mexico.**

1997-2001 Actuarial Sciences.

## **AWARDS**

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**NATIONAL SYSTEM OF RESEARCHERS, CONACyT, MEXICO**

2020-2024: Level 2, SNI-CONACyT

2016-2019: Level 2, SNI-CONACyT

2013-2015: Candidate to National Researcher, SNI-CONACyT

**MEMBER OF THE ACADEMIC TECHNICAL COMMITTEE (CTA), CONACyT, MEXICO**

August 15, 2016

**PROGRAM FOR THE PROFESSIONAL DEVELOPMENT OF FACULTY, SEP, MEXICO**

2015-2018: *Perfil deseable*

2013-2015: Support for the incorporation of a new Assistant professor

**ACADEMIC EXPERIENCE**

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**El Colegio de México A.C.**

Since July, 2015. Professor

**El Colegio de México A.C.**

July, 2012 – June, 2015. Assistant Professor

**FLACSO-México.**

2010-2012. Assistant Professor “C-1”

**ACADEMIC-ADMINISTRATIVE PROFESSIONAL EXPERIENCE**

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**Graduate Coordinator of Masters in Demography, CEDUA-COLMEX**

January, 2013 – December, 2015.

**Online evaluator of “Perfil Deseable” applications, 2014 Announcement, PRODEP, SEP**

July-August, 2014

**RESEARCH**

**ORCID: 000-0003-1367-9262**

**SCOPUS: 56444330400**

**ResearcherID: F-9392-2019**



**BOOKS**

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1. Partida Bush, Virgilio & VM García Guerrero (2018). *Population Projections of Mexico and its States 2016-2050*, National Population Council, United Nations Population Found ISBN: 978-607-427-305-2
2. García-Guerrero, Víctor Manuel (2014). *Population Policies and Projections in Mexico (in Spanish)*, Centre of Demographic, Urban and Environmental Studies, El Colegio de México, A.C. ISBN: 978-607-462-557-8

**JOURNAL ARTICLES**

---

1. García-Guerrero, Víctor M, C. Masferrer y S. Giorguli (2019). “Migration and Aging in Origin and Destination countries: The Case of North and Central America”, *Revista Latinoamericana de Población*, , Asociación Latinoamericana de Población ALAP, Vol. 13, No. 25, pp. 36-53 ISSN: 2393-6401 (online) ISSN 2175-8581 (printed).
2. Mier y Terán, Marta & García Guerrero, VM (2019). “The registry of births in Mexico. A critical look of its evolution in the last three decades.”, *Realidad, Datos y Espacio. Revista Internacional de Estadística y Geografía*, Instituto Nacional de Estadística y Geografía INEGI, México, Vol. 10, No. 3, pp. 80-99. ISSN: 2395-8537

3. Mendoza-Ponce, A., Corona-Núñez, R., Galicia-Sarmiento, L., y García-Guerrero, VM. (2019). "Population and economic projections under different scenarios for Mexico". *Papeles de Población*, 25(99), 9-44. Available at <https://rppoblacion.uaemex.mx/article/view/8878>
4. Solís, Patricio & VM García Guerrero (2019). "¿Divergent pathways to low mortality? The increase in life expectancy and inequality in life years lived in Latin America and Europe", *Estudios Demográficos y Urbanos*, Centro de Estudios Demográficos, Urbanos y Ambientales, El Colegio de México, A.C. Vol. 34, No. 2 (101), pp. 365-393. **ISSN: 0186-7210 H-Index: 3**
5. García-Guerrero, Víctor M. (2018). "Demographic Trends and International Migration in North and Central America", *Canadian Diversity/Diversité canadienne*, Association for Canadian Studies, Vol. 15, No. 2, pp. **ISSN: 1910-9733**
6. Masferrer, Claudia, VM García Guerrero & S Giorguli (2018). "Connecting the Dots: Emerging Migration Trends and Policy Questions in North and Central America", *Migration Policy Institute*. **ISSN:**
7. García Guerrero, Víctor Manuel (2018). "The future demography of Mexico. Some thoughts on population forecast 2016-2050", *Coyuntura Demográfica. Revista sobre los procesos demográficos en México hoy*, Sociedad Mexicana de Demografía A.C., Vol., No. 13, pp. 111-119. **ISSN: 2007-5456**
8. García-Guerrero, Víctor M. (2017). "A review of the probabilistic version of cohort component method to forecast the population of Mexico", *Acta Universitaria. Multidisciplinary Scientific Journal*. 27 (NE-1), 5-16. doi: 10.15174/au.2017.1665 **ISSN: 0188-6266**
9. García-Guerrero, Víctor M. (2016). "A Probabilistic Method to Forecast the International Migration of Mexico by Age and Sex", *Papeles de Población*. 22(88):113-140 **ISSN: 1405-7425 Imp. Fact. 0.2**
10. Canudas-Romo, Vladimir, JM Aburto, VM García-Guerrero & H Beltran-Sánchez (2016). "Mexico's Epidemic of Violence and its Public Health Significance on Average Length of Life", *Journal of Epidemiology & Community Health*. DOI:10.1136/jech-2015-207015 **ISSN: 0143-005X Imp. Fact. 3.865**
11. Aburto, José Manuel, H Beltrán-Sánchez, VM García-Guerrero & V Canudas-Romo (2016). "Homicides in Mexico Reversed Life Expectancy Gains For Men And Slowed Them For Women, 2000-10", *Health Affairs* 35(1):88-95. DOI: 10.1377/hlthaff.2015.0068 **ISSN: 0278-2715 Imp. Fact. 5.23**
12. Aburto Flores, José Manuel & V.M. García Guerrero (2015). "The additive double multiplicative model. An application to the Mexican mortality", *Papeles de Población*, CIEAP-UAEMEX, México, 21(84), pp. 9-44. **ISSN: 1405-7425 Imp. Fact. 0.2**
13. Canudas-Romo, Vladimir, VM García-Guerrero & CJ Echarri-Canovas (2014). "The stagnation of the Mexican male life expectancy in the first decade of the 21st century: the impact of homicides and diabetes mellitus", *Journal of Epidemiology & Community Health*, 69:1 28-34, DOI:10.1136/jech-2014-204237 **ISSN: 0143-005X Imp. Fact. 3.865**
14. García Guerrero, Víctor Manuel (2014). "Stochastic forecast of the Mexican population by using functional data models", *Realidad, Datos y Espacio. Revista Internacional de Estadística y Geografía*, Instituto Nacional de Estadística y Geografía (INEGI), México, Vol. 5, No. 3, septiembre-diciembre 2014, pp. 18-33. **ISSN: 2395-8537**
15. García-Guerrero, Víctor Manuel (2014). "Analysis of the Assumptions about International Migration in the 2001-2050 and 2006-2050 Population Projections of Mexico", *Estudios Demográficos y Urbanos*, Centro de Estudios Demográficos, Urbanos y Ambientales, El Colegio de México, A.C. Vol. 29, No. 2 (86), pp. 229-256. **ISSN: 0186-7210 H-Index: 3**
16. García Guerrero, Víctor Manuel (2013). "Círculo Virtuoso", *México Social. El reto: dimensionar la complejidad demográfica*, CIEDAS A.C. **ISSN: 2007-2600**
17. Mier y Terán, Marta & V. M. García-Guerrero (2012). "Changements démographiques récents et perspectives futures au Mexique", *Problèmes d'Amérique latine*, Editions Choiseul, I.S.S.N. 0765-1333, France, Núm. 87, pp. 49-78. **ISSN: 0765-1333**

18. García-Guerrero, Víctor Manuel & M. Ordorica (2012). “Stochastic Projection of Mexican Mortality through the Lee-Carter Method” (in Spanish), *Estudios Demográficos y Urbanos*, Centre of Demographic, Urban and Environmental Studies, El Colegio de México, A.C. Vol. 27, No. 2 (80), pp. 409-448. **ISSN: 0186-7210 H-Index: 3**
19. García Guerrero, Víctor Manuel (2011). “An Analysis of differences between Population projections 2006-2050 and the population Census 2010” (in Spanish), *Coyuntura Demográfica. Revista sobre los procesos demográficos en México hoy*, Sociedad Mexicana de Demografía A.C., Vol. I, No. 1, pp. 62-65. Available at <http://www.somede.org/coyuntura-demografica/flipping/numero1/#/62> **ISSN: 2007-5456**
20. García-Guerrero, Víctor Manuel & F. Venegas-Martínez (2005) “Optimal Control Applied to the Endogenous Growth Problem” (in Spanish), *Ingeniería Investigación y Tecnología*, Vol. VI, No. 2, pp. 127-137. Available at <http://redalyc.uaemex.mx/redalyc/pdf/404/40460204.pdf> **ISSN: 1405-7743**

## BOOK CHAPTERS

1. Giorguli-Saucedo, Silvia, C. Masferrer y VM García-Guerrero (2020). “How did we get to the current Mexico-U.S. migration system and how may it look like in the near future?” in Moore, Hinojosa y Tellez (eds.) *Equitable Globalization*.
2. García Guerrero, Víctor Manuel y V. Partida (2020). “A hundred years of demographic dynamics in Mexico. Analysis of estimates, 1950-2015, and probabilistic population projections, 2016-2050” in Giorguli & Sobrino (coords.) *Demographic Dynamic of Mexico*, Centro de Estudios Demográficos, Urbanos y Ambientales, El Colegio de México.
3. Masferrer, Claudia, S. Giorguli-Saucedo y VM García-Guerrero (2020). “Contemporary Migration Patterns in North and Central America” en Inglis, Li and Khandria (eds.) *The SAGE Handbook of International Migration*, SAGE Pu. ISBN 978-1-4129-6175-2
4. Mier y Terán, Marta & V.M. García-Guerrero (2016). “Recent demographic changes and future perspectives in Mexico”, in Inclán and Perló (coords.) *The Mexican profile in 2030*, Instituto de Investigaciones Sociales, UNAM.
5. García-Guerrero, Víctor Manuel (2016). “Population projections for 2030” (in Spanish), in Aguilar A. *Mexico City in the 21<sup>st</sup> century. Main Transformations and Tendencias*, Secretaría de Ciencia, Tecnología e Innovación-Gobierno de la Ciudad de México.
6. Ordorica, Manuel & V.M. García-Guerrero (2016). “Modeling the Demographic Dynamic of Small Areas with Constrained Housing Expansion” in Schoen (ed.) *Dynamic Demographic Models, The Springer Series on Demographic Methods and Population Analysis*, Springer Verlag. pp. 261-272. **DOI 10.1007/978-3-319-26603-9\_13**
7. García-Guerrero, Víctor Manuel (2014). “Mexican demographic future and population projections. Usage of probabilistic forecasts for national planning” (in Spanish), in S. Giorguli y V. Ugalde (coord.) *Government, Territory and Population: Public Policies on the target*, Centro de Estudios Demográficos, Urbanos y Ambientales, El Colegio de México.
8. García-Guerrero, Víctor Manuel (2014). “Population Projections in Mexico” (in Spanish), in C. Rabell (coord.), *The Mexicans. A Balance of the Demographic Change*, Fondo de Cultura Económica, pp. 857-900.
9. García-Guerrero, Víctor Manuel (2014). “The Demographic Estimates and Projections as a Tool for Population Policies Design” (in Spanish) in L. M. Valdés (Coord.), *Towards a New General Population Law in Mexico*, Instituto de Investigaciones Jurídicas, UNAM, pp. 259-278.
10. García-Guerrero, Víctor Manuel (201). “Demography” (in Spanish), in C. Herrero (Coord.), *COSMOS. The Encyclopedia of Sciences and Technology in Mexico*, Universidad Autónoma Metropolitana-Consejo Nacional de Ciencia y Tecnología, Mexico, pp. 75-85.

11. García-Guerrero, Víctor Manuel (2012). "Sexual Offenses and Domestic Violence" (in Spanish) en C. Echarri (coord.), *Statistical Outlook of Violent Crimes in Mexico*, Centro de Investigación y Estudios en Seguridad-Secretaría de Seguridad Pública- El Colegio de México, Mexico, pp. 237-286.

## POLICY PAPERS

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1. Giorguli-Saucedo, Silvia, V.M. García-Guerrero, & C. Masferrer (2018). *Un Sistema migratorio en construcción. Dinámica demográfica y políticas migratorias en América del Norte y el Triángulo Norte de Centroamérica*. Centro de Estudios Demográficos, Urbanos y Ambientales, El Colegio de México A.C. ISBN (digital): 978-607-628-490-2, ISBN (printed): 978-607-628-491-9
2. García-Guerrero, Víctor M., S. Giorguli Saucedo & C. Masferrer (2018). "Emerging Demographic Challenges and Persistent Trends in Mexico and the Northern Triangle of Central America" in Shultz, Cunningham, Fedor y Timbie (coord.) *Governance in an Emerging New World*, Hoover Institution, E.U.A.
3. Giorguli-Saucedo, Silvia, V.M. García-Guerrero & C. Masferrer (2016). *A migration system in the making: Demographic dynamics and migration policies in North America and the Northern Triangle of Central-America*. Centro de Estudios Demográficos, Urbanos y Ambientales, El Colegio de México A.C. ISBN: 978-607-628-119-2 Available in English and Spanish at [http://cedua.colmex.mx/images/micrositios/amsitm/Giorguli\\_Garcia\\_Masferrer\\_2016.pdf](http://cedua.colmex.mx/images/micrositios/amsitm/Giorguli_Garcia_Masferrer_2016.pdf)

## NEWSPAPER ARTICLES AND OTHER TYPES OF DISSEMINATION

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1. García-Guerrero, Víctor M. (2013). "The New Population projections 2010-2050", *Bulletin of the Mexican Society of Demography*, SOMEDE A.C.
2. García-Guerrero, Víctor M. (2011). "The need to institutionalize the demographic estimates and projections", *America and Economy, Analysis and Opinion*, October 2011. Available in: <http://www.americaeconomia.com/analisis-opinion/institucionalizar-estimaciones-y-proyecciones-demograficas-asunto-electoral-y-de-ju>

## GRANTS

---

**Annual Meeting of the Population Association of America, April 25-29, 2017 in Chicago, Illinois**  
2017: Travel Award

**Max Planck Institute for Demographic Research, Alemania**

2014: Scholarship to attend *IDEM's Research Training in Probabilistic Population Projections: Theory and Practice*.

**Secretaría de Educación Pública.**

2013. Support to the incorporation of New Professors. Program of improvement of faculty (PROMEP). Amount: \$205,637.00 MX

**Mathematical Biosciences Institute, The Ohio State University, E.U.A.**

2013: *The Keyfitz Centennial Symposium on Mathematical Demography*.

**Annual Meeting of the Population Association of America, April 11-13, 2013 in New Orleans, Louisiana**

2013: Travel Award

**CELADE-CEPAL, ONU**

2012: 5<sup>th</sup> Population Latin American Association's Congress, Montevideo, Uruguay.

2010: 4<sup>th</sup> Population Latin American Association's Congress, La Habana, Cuba.

**IUSSP-MPIDR, France-Germany**

2009: Grant to assist to the MPIDR's *Summer School on Frontiers of Formal Demography*.

**Consejo Nacional de Ciencia y Tecnología (CONACYT), Mexico**

2007–2008: Scholarship to stay at the *International Institute for Applied Systems Analysis*.

2006–2010: PhD scholarship at COLMEX.

2002–2004: Scholarship for graduate studies at UNAM.

**COLMEX, Mexico.**

2005–2006: Scholarship for PhD prerequisite year at COLMEX.

**REVIEWER**

- PLOS ONE
- Revista Brasileira de Estudos de População, REBEP
- Journal Socio-Economic Planning Sciences
- VII Congress ALAP y XX National Meeting of Population Studies, Iguazu-Brazil.
- Scholarships program Sasakawa Young Leaders Fellowship Fund, 2016-2017.
- *Genus. Journal of Population Sciences*, Universidad La Sapienza de Rome, Italy
- *Demographic-Research*, Max Planck Institute for Demographic Research, Germany.
- Springer Verlag, decider of the book *Lexis in Demography*, Springer-Holand.
- Member of the Jury for the best Master thesis in Population and Development, FLACSO-Mexico, 2014.
- *Población y Salud en Mesoamérica*, Centro Centroamericano de Población, Universidad de Costa Rica.
- *Realidad, datos y espacio. Revista Internacional de Estadística y Geografía*, INEGI
- *Papeles de Población*, CIEAP, Estado de México.
- *Estudios Demográficos y Urbanos*, CEDUA-COLMEX
- *Ciencia Ergo Sum*, Universidad Autónoma del Estado de México
- *Foro Internacional*, CEI-COLMEX

**RESEARCH PROJECTS**

1. **Thematic Network on Aging, Health and Social Development (REDEDS)**  
2016- . Member of the Academic Technical Committee, directed by Dr. Luis Miguel Gutiérrez Robledo from the National Institute of Geriatrics
2. **Sectorial fund CONACyT-INEGI 2015**  
2016-2017. "Evaluation of the information sources to study fecundity", in charge of Dra. Marta Mier y Terán, IIS-UNAM
3. **Research Program, funded by FLACSO-MEXICO**  
2011-2012. "Quantitative Methods and Population Dynamic" with Dr. Virgilio Partida Bush and M.Sc. Alejandro Alegría.

**STUDENT THESIS SUPERVISION**

---

**Doctorate****Estimación de la riqueza esperada en el ciclo de vida económico de las personas en México**

Carlos Alejandro Vélez Echegaray

Date obtained: *in process*

Phd in Population Studies, CEDUA-COLMEX

Co-supervisor

**Demographic dynamics and resources for municipal development. A proposal for incorporating demographic variables in the formula for resources allocation from Contributions Found for Social Infrastructure (FAIS).**

Mónica Pascua Purón

Date obtained: **May 24<sup>th</sup>, 2019**

Phd in Population Studies, CEDUA-COLMEX

Co-supervisor

**Frailty trajectories of Mexican population over 80 years old: An association of multiple factors.**

Abigail Rojas Huerta

Date obtained: **December 6<sup>th</sup>, 2018**

Phd in Population Studies, CEDUA-COLMEX

Co-supervisor

**The Needs in Attention of Health Problems in the Elder Population of San Luis Potosí.**

Estelí del Carmen Loredo Bañuelos

Date obtained: **May 13<sup>th</sup>, 2014**

PhD in Population Studies, CEDUA-COLMEX

Co-supervisor

**Masters****Análisis demográfico de la desigualdad en la mortalidad en México.**

Ana Cristina Gómez Ugarte Valerio

Date obtained: En proceso

Master in Demography, CEDUA-COLMEX

Supervisor

**Los efectos de la no coresidencia de ambos padres durante la niñez y/o adolescencia sobre la transición a la vida adulta en México.**

Issac Díaz

Date obtained: En proceso

Master in Demography, CEDUA-COLMEX

Supervisor

**Agent-Based Modeling in the Estimation and Projection of Mortality in the Pension System of Mexico 2050.**

Carmen Cecilia Gómez Domínguez

Date obtained: **July, 2018**

Master in Demography, CEDUA-COLMEX

Supervisor

**Effects of Demographic Structure and Household Composition in the Housing Demand in the Main Metropolitan Areas of Mexico. A forecast to 2040.**

Álvaro Madrigal Montes de Oca

Date obtained: **July, 2018**

Master in Demography, CEDUA-COLMEX

Co-supervisor

**Stochastic Population Projections for Small Areas in Mexico, the case of Mexico City.**

Josué David Hernández Mercado

Date obtained: **July, 2016**

Master in Demography, CEDUA-COLMEX

Supervisor

**Avoidable Mortality: Its Contribution to the Mexican Life Expectancy in Mexico in the first Decade of 21<sup>st</sup> Century**

José Manuel Aburto Flores

Date obtained: **July, 2014**

Master in Demography, CEDUA-COLMEX

Co-supervisor

**The feminicide in Mexico.**

Norma Angélica Gómez Licona

Date obtained: **August 30<sup>th</sup>, 2012**

Master in Population and Development, FLACSO-Mexico

Co-supervisor

**Indirect estimation of Mortality in Bolivia based in census information 1992-2001.**

María Cecilia Villarroel

Date obtained: **July, 2012**

Master in Demography, CEDUA-COLMEX

Co-supervisor

**Population's sociodemographic vulnerability facing the effects of climate change**

Diego Daniel Olarte Suárez

Date obtained: **August 29<sup>th</sup>, 2012**

Master in Population and Development, FLACSO-Mexico

Co-supervisor



**Undergraduate****Demographic Analysis of Housing in Mexico City**

Paola Vázquez Castillo

Date obtained: **June 14<sup>th</sup>, 2018**

Actuarial Sciences, Fac. of Sciences, UNAM.

Supervisor

**Perceptions and Attitudes Scale for Public Health Service Providers about aspects related to pregnancy and sexuality of teenagers (Instrument CAP-A)**

Cintya Carrión Hernández

Date obtained: **February 22<sup>nd</sup>, 2017**

Actuarial Sciences, Fac. of Sciences, UNAM.

Supervisor

**Construction of the “Demos” package for Stochastic Forecast of the Mexican Population.**

Sofía Beatriz Gil Clavel

Date obtained: **January, 30<sup>th</sup>, 2015**

Actuarial Sciences, Fac. of Sciences, UNAM.

Supervisor

**Bayesian forecasting of Mexico’s migration, 2010-2050.**

María Estefanía Magaña Saénz

Date obtained: **June 6<sup>th</sup>, 2013**

Actuarial Sciences, ITAM.

Supervisor

**An econometric model to estimate Mexican migration.**

Ana Berta Coronel

Date obtained: **December 11<sup>th</sup>, 2012**

Actuarial Sciences, ITAM.

Supervisor

**Mexican mortality’s stochastic projection. An application to the private pensions systems (in spanish).**

René Fernando Cervantes González

Date obtained: **November 18<sup>th</sup>, 2011.**

Actuarial Sciences, Fac. of Sciences, UNAM.

Supervisor

**MEMBER OF THESIS COMMITTEES**

---

**Doctorate****Projeções dos níveis e padrões da mortalidade no Brasil e grandes regiões 1950-2010-2110 pelo método coerente Lee-Carter estendido e outros: a tábua BR-geracional e o risco de longevidade nas instituições previdenciárias do país**

Luciano Gonçalves de Castro e Silva

Date obtained: **February 22, 2019**

Phd in Demography, Universidad Federal de Minas Gerais, Belo Horizonte-Brazil

### Masters

**Impacts of the January 12<sup>th</sup>, 2010 heartquake on the standard of living of households in the metropolitan area of Puerto-Príncipe: Case of households with female headship**

Leonard Vilbrun

Date obtained: **July, 2018**

Masters in Population and Development, FLACSO-Mexico

**The demographic bonus in Mexican cities. A longitudinal analysis 1983-2010.**

Andrea Bautista León

Date obtained: **September 4<sup>th</sup>, 2012**

Master in Population and Development, FLACSO-Mexico

**Internal migration in Haiti: Demographical and socioeconomic characterization of the migration towards Port-au-Prince Metropolitan area at the beginning of the 21<sup>st</sup> century.**

Othale Blanc François

Date obtained: **August 13<sup>th</sup>, 2012**

Master in Population and Development, FLACSO-Mexico

**Aging of the population in urbanized areas between 1953 and 1970 in the metropolitan area of the Mexican Valley. Comparative analysis by type of settlement.**

Isaías de Jesús Torres Orozco

Date obtained: In process

Masters in Social Demography, Postgraduate Program in Social and Political Sciences-UNAM-Mexico

### Undergraduate

**Introductory Handbook for Gambling Games Fundament and Analysis.**

Patricia Margarita Huerta Gil

Date obtained: **November 22<sup>th</sup>, 2013**

Actuarial Sciences, Fac. Sciences, UNAM.

**The Impact of the avoidable mortality on the life expectancy of Mexico City: 1998-2002 and 2007-2011.**

Brianda Mayte Cid González

Date obtained: **June, 2013**

Actuarial Sciences, Fac. Sciences, UNAM.

**The logistic curve as a mathematical model for interpreting the capture of the infected by the Influenza virus AH1N1 in Mexico.**

Marco Antonio Percastre Benítez

Date obtained: **March 21<sup>th</sup>, 2013**

Actuarial Sciences, Fac. Sciences, UNAM.

**Migration at the Mexican northern and southern borders, 2005-2010. –Reflections on their levels, tendencies and differences.**

Luis Felipe Ramos

Date obtained: **February 22<sup>th</sup>, 2013**

Actuarial Sciences, Fac. Sciences, UNAM.

**Analysis of mortality by breast cancer and cervical cancer at statal level in Mexico, 2000-2010.**

Javier Nava Barrón

Date obtained: **November 16<sup>th</sup>, 2012**

Actuarial Sciences, Fac. Sciences, UNAM.

**Living conditions and Infant and Young Mortality in the municipalities of Jalisco.**

Alfredo Velasco Pacheco

Fecha de obtención: **March 21<sup>th</sup>, 2012**

Actuarial Sciences, Fac. Sciences, UNAM.

**Sociodemographic survey of mental diseases in the Mexican Population.**

Ana Patricia Santos Vidal

Date obtained: **Jun 17<sup>th</sup>, 2011.**

Actuarial Sciences, Fac. Sciences, UNAM.

**Life expectancy with disability and the lost by early deaths within the undernourished children.**

Miguel Ángel Ortíz Jiménez

Date obtained: **January 17<sup>th</sup>, 2011**

Actuarial Sciences, Fac. Sciences, UNAM.

**Mortality of the Mexican banking sector analysis, pensioners.**

Fernando Fernández Rodríguez

Date obtained: **October 16<sup>th</sup>, 2010**

Actuarial Sciences, Fac. Sciences, UNAM.

## **STUDENT TUTORING**

---

**Master in Demography, 2014-2016**

Ángeles Uribe, Elizabeth

Arriaga Estrada, María Julia

Avalos Piña, Karla Yutzil

Bautista Espinosa, Rosa María

Castellanos Elizalde, José Ignacio

Castro Morales, Mayte Nataly

Ferniza Álvarez, Yolanda Michelle

Galindo Cruz, Ana Gabriela

García Sánchez, María Guadalupe

Gasca Gómez, Kathia

González Tello, Kira Almendra

Hernández Mercado, Josué David

Limberopulos Fernández, Yani

Max Monroy, Emely Estefanía  
Meza Holguín, Adrian  
Oropeza Calderón, Natalia  
Pérez Guadián, Gabriela  
Pérez Pérez, Alejandra

**PhD in Population Studies, 2012-2016**

Eduardo Torre Cantalapiedra

**Master in Population and Development 9<sup>th</sup> generation**

Alcoba Parola, Mariana  
Luevano Martínez, María de la Luz  
Rodriguez Mancebo, Fiodor  
Viejo Mandl, Carina  
Villegas Calzada, Jazmín  
Daniel Lozano Keymolén  
Herney Fernando Ruiz Vallejo

**TEACHING EXPERIENCE**

---

**CEDUA-COLMEX, PhD in Population Studies, Mexico.**

2018. Demographic Analysis I  
2018. Workshop of Demographic Analysis I  
2016. Mathematical Demography. Head Teacher  
2016. Contemporary approach in population studies: Mathematical demography  
2016. Thematic Seminar II: Population, family and health  
2016. Thematic Seminar VI: Population, family and health  
2016. Statistics  
2016. Workshop of statistics  
2015. Demographic Analysis  
2014 Advanced Statistics. Time Series

**CEDUA-COLMEX, Master in Demography, Mexico.**

2018. Demographic Analysis I  
2018. Workshop of Demographic Analysis I  
2016. Introduction to Population Studies  
2016. Statistics  
2016. Workshop of Statistics  
2015. Demographical Analysis 3  
2015. Demographical Analysis 2  
2014. Advanced Statistics. Time Series. (Shared with the PhD in Population Studies)  
2013. Advanced Statistics  
2013. Workshop of Advanced Statistics  
2012. Introductory course to Population Studies

2010. Workshop of Demographic Analysis (Teacher Assistant)

**Master in Population Studies -El Colegio de la Frontera Norte (COLEF)**

2016. Workshop on Population Projections

**CEI-COLMEX, Master in Political Science, Mexico.**

2014. Mathematics PAP and RI.

**Technological Institute Autonomous of Mexico (ITAM), México.**

2018. Mathematical Demography

2016. Mathematical Demography

2015. Mathematical Demography

2013. Mathematical Demography

**FLACSO-Mexico, Master in Population and Development, Mexico.**

2011. Demographic Analysis 4

2011. Population and Development course 2

2010. Population and Development course 1

**CEDUA-COLMEX, Summer workshops, México.**

2015. Introduction to demographic analysis

2010. Stochastic projections of mortality

**UNAM, Faculty of Sciences, Mexico.**

2010. Demography course 1

2005. Econometrics course 1

**UNAM, Postgraduate Division of the Faculty of Engineering, Mexico.**

2003. Stochastic Processes and Optimization Techniques course.

**TRAINING COURSES**

**El Colegio de Mexico, Lead Program**

2018. Training course “Introduction to the population paradigm”

2015. Training course “Introduction to the population paradigm”

**El Colegio de la Frontera Norte**

2016. Workshop on “Population projections”.

**El Colegio de Mexico, United Nations Population Fund**

2013. Training course on demographic dynamics and public policies: “Projections: recent estimations logic and analysis”.

**Actuary Hunters S.A.**

2012. Training course on “Methods for estimating and projecting mortality”.

**BBVA-Bancomer, S.A. de C.V.**

2011. Training course on “Methods for estimating and projecting mortality”.

**Colegio Nacional de Actuarios A.C., Mexico**

May, 2011. Course on “Stochastic projections of mortality”.

February 2011. Course on “Stochastic projections of mortality”.

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**ACADEMIC AND RESEARCH EXCHANGE**

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**International Advanced Studies in Demography (IDEM)-Max Planck Institute for Demographic Research (MPIDR), Rostock, Germany**

November, 2014: Research Training in Probabilistic Population Projections: Theory and Practice

**Max Planck Institute for Demographic Research (MPIDR), Rostock, Germany**

June, 2009: Student at the Summer School *Frontiers in Formal Demography*.

**CEDUA-COLMEX, Mexico**

July, 2009: Attendant at the workshop on “Longitudinal Analysis”.

**SOCIAL RESEARCH INSTITUTE (IIS-UNAM), UNAM, Mexico**

August, 2009: Attendant at the workshop on “Empirical Analysis of the Mexican Migration: quantitative sources”.

**MATHEMATICAL INSTITUTE-UNAM, Morelia-Michoacán, Mexico.**

12-16 September, 2005: Attendant at the fourth summer School on Probability.

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**RESEARCH STAYS**

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**International Institute for Applied Systems Analysis (IIASA), Laxenburg, Austria.**

2007-2008. Supervisor: Prof. Dr. Wolfgang Lutz y Prof. Dr. Sergei Sherbov

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**COORDINATION OF ACADEMIC EVENTS**

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**Summer Workshops on Population and Territory Research Methods, Centre of Demographic, Urban and Environmental Studies, El Colegio de México A.C. (CEDUA-COLMEX). Mexico City, Mexico.**

**Workshop of “Selected topics on Formal Demography”**

July, 2016

June, 2015

June, 2014

June, 2013

June, 2012

June, 2011

June, 2010

**Workshop of “Introduction to Demographic Analysis”**

July, 2015

**14<sup>th</sup> National Meeting of Demographic Investigation in Mexico SOMEDE, Universidad Autónoma del Estado de México, Estado de México, México**

June, 2018: Organizer of session *Mathematical demography*

**13<sup>th</sup> National Meeting of Demographic Investigation in Mexico SOMEDE, Universidad Autónoma del Estado de México, Estado de México, México**

June, 2016: organizer of session *Mathematical demography*

**Big-Data Revolution in Social Studies. ¿What have we learn and where are we going? El Colegio de México A.C.**

April 29<sup>th</sup>. 2016 Co-organizer

**Discussion workshop on sources, estimates, and tendencies of international migration from, to and in Mexico, SOMEDE, Universidad Autónoma del Estado de México, Estado de México, México**

August 19<sup>th</sup>, 2016: Coordinator and moderator *Collective discussion: notes for the revision of estimates of international migration and thoughts on the hypothesis surrounding migration in the next decades*

**Program Projects of 1 + D, Sectoral Committee of Scientific Investigation (CSIC)**

December, 2016

**2014 Annual Meeting of Population Association of America, Boston, Massachusetts, E.U.A.**

May, 2014: organizer of session *Mathematical and Formal Demography*

**12<sup>th</sup> National Meeting of Demographic Research in Mexico SOMEDE, Universidad Iberoamericana, México D.F.**

May, 2014: Organizer of session *Population Estimates and Demographic Prospective*

**Session of “Dialogs and Thoughts on Population, City and Environment”, CEDUA-COLMEX, Mexico D.F.**

February, 2014. Conference organizer “Global Human Capital: Integrating Education and Population” by Prof. Wolfgang Lutz

**CEDUA’s Research Seminar**

February, 2014. Conference organizer “New measures of age and aging” by Prof. Sergei Scherbov.

**Seminar: The sociodemographic information as a foundation for national planning: Thoughts around the National Development Plan.**

June, 2013. Organizer.

**World survey on the accomplishment of the action plan by the international conference on population and development, SOMEDE-UNFPA**

September-October, 2012. Organizer of the working group “Population and Development”.

**11<sup>th</sup> National Meeting of Demographic Research in Mexico SOMEDE, Aguascalientes, Mexico.**

May, 2012: Discussant and organizer: *Methods y Data*.

**10<sup>th</sup> National Meeting of Demographic Research in Mexico SOMEDE, Mexico City, Mexico.**

November, 2010: Chair and moderator: *New techniques of mortality analysis*.

November, 2010: Chair and moderator: *Mortality and health recent trends*.

**Workshop “Recent trends and estimates of demographic dynamic’s components”**

July, 2010: Organizer of the session: “Census Conciliation”, Centre of Demographic, Urban and Environmental Studies, El Colegio de México A.C., Instituto de Investigaciones Sociales, UNAM and Sociedad Mexicana de Demografía.

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## CONFERENCES PRESENTATIONS

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### Keynote Presentations

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5<sup>th</sup> CONGRESS OF ACTUARY, Universidad Nacional Autónoma de México, Fac. Sciences, Actuarial Sciences Program

January 23, 2019, Conference “The new projections of Mexico’s population and its Federal Entities 2016-2050”

7<sup>th</sup> WEEK OF ACTUARY, Universidad Nacional Autónoma de México, Fac. Of Higher Education, Mathematics and Engineering Division, Actuary Program

September 26, 2016, Conference “The importance of demographic perspective in actuarial studies”

### INTERNATIONAL ACTUARIAL ASSOCIATION

October 1<sup>st</sup>, 2015. Webinar: “Stochastic Projections of Mortality and its use in Actuarial Sciences”

23<sup>st</sup> NATIONAL FORUM OF STATISTICS, AME-INEGI, AGUASCALIENTES, MÉXICO.

25-27 September, 2013: Keynote Lecture

### Ordinary Sessions

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2019 ANNUAL MEETING OF POPULATION ASSOCIATION OF AMERICA, AUSTIN, TX., E.U.A.  
April 10-13, 2018. Poster, “Demographic Analysis and Projection of PROSPERA’s Beneficiary Population: Understanding the Demography of the Largest Cash-Transfer Program in Mexico”

SEMINAR “THE BIGGEST PROBLEMS OF MEXICO. THE CONDITION OF THE ECONOMY, POPULATION AND INEQUALITIES”. UNIVERSITY PROGRAM OF DEVELOPMENT STUDIES, UNAM, MEXICO

21 de marzo 2019. Speaker: Table 2: Population.

8<sup>th</sup> CONGRESS LATINAMERICAN ASSOCIATION OF POPULATION, PUEBLA, MÉXICO

October 25, 2018. Discussant, “Methods for population projections”

October 24, 2018. Speaker at round table. “New Methodologies in the Estimation and Evaluation of Demographic Projections”

October 24, 2018. Moderator, “Violence and Mortality in Latin America”

October 24, 2018. Moderator, and discussant “Mortality Modelling”



NOHA LATIN AMERICA INTERNATIONAL SEMINAR, BRASILIA, BRASIL  
October 5, 2018. Speaker at the 4<sup>th</sup> panel “Regional challenges of migration policies”

2018 ANNUAL MEETING OF POPULATION ASSOCIATION OF AMERICA, DENVER, CO,  
E.U.A.

April 26-28, 2018. Poster, “Diverging Paths to Low Mortality? The increase in life expectancy and the inequality of years-lived in Latin America and Europe”

2018, INEGI’s RESEARCH COLLOQUIUM, INEGI-MEXICO

March 5, 2019. Speaker, “Demographic changes, future scenarios of international migration and information requirements”

2018, INTERNATIONAL FORUM ON MIGRATION STATISTICS, OECD, PARIS, FRANCIA

January 15-16, 2018. Speaker, *Migration between the United States, Mexico and the Northern Triangle of Central America (NCTA): Emerging Challenges and Prospects*: “International migration scenarios and future demographic changes in North America and NTCA”

2017 MIGRATION POLICY FORUM: PEOPLE, LABOUR, BORDERS & SECURITY,  
WASHINGTON D.C., E.U.A.

November 16-17, 2017. Speaker, *Demographic Trends, Patterns and Future Migration Scenarios*: “The demographic effects of international migration in North America and the NTCA”

2017 ANNUAL MEETING OF POPULATION ASSOCIATION OF AMERICA, CHICAGO, ILL.,  
E.U.A.

April 28, 2017. Speaker, “Mexico in the North America-Central America Migration System. A demographic analysis and public policy recommendations”

THE MIGRATORY REGIONAL SYSTEM IN THE FACE OF UNITED STATES OF AMERICA  
POLICY, CIESAS, El Colegio de México, El Colegio de la Frontera Norte

January 23, 2017. Speaker, “The migratory regional system facing Trump’s administration”

SEMINAR-WORKSHOP, “An introduction to the demographic dynamic and migratory policies in North America and the northern triangle of Central America: An academic and cultural tour”, El Colegio de México, Mexican Studies Institute

January 11-13, 2017. Speaker in session number two

SEMINAR OF THE ADVANCED STUDIES IN SUSTAINABLE DEVELOPMENT AND  
ENVIRONMENT PROGRAM (LEAD-Mexico), “Analysis and Evaluation of basic paradigms”

March 27-31, 2017. Speaker

2<sup>nd</sup> HUMAN FERTILITY DATABASE SYMPOSIUM, WISSENSCHAFTSFORUM, BERLIN,  
GERMANY.

June 24, 2016. Co-author, “An assessment of the data sources on fertility in Mexico”, presented by Marta Mier y Terán.

POISSON ACTUARÍA, INSTITUTO TECNOLÓGICO AUTÓNOMO DE MÉXICO

Week of Actuary, 2016

2<sup>nd</sup> MEXICO-JAPAN MEETING ON HEALTHY AGING

June, 2016, Discussion and synthesis: “Aging panorama”

8<sup>th</sup> NATIONAL REUNION OF DEMOGRAPHIC RESEARCH IN MEXICO, UNIVERSIDAD NACIONAL AUTÓNOMA DE MÉXICO, MÉXICO.

June, 2016. Co-author, “The mortality in the demographic dynamic in Mexico”

June, 2016. Co- author, “¿Divergent paths to the low mortality? The increase in life expectancy and the inequality of the years lived in Latin America” presented by Patricio Solís

June, 2016. Speaker, “The demographic dynamic of Mexico, levels and tendency, 1990-2015”

June, 2016. Co-author, “Unequal and public policy actions”

June, 2016. Organizer, “Mathematical demography”

2016 ANNUAL MEETING OF POPULATION ASSOCIATION OF AMERICA, WASHINGTON DC, E.U.A.

April 1<sup>st</sup>, 2016. Speaker, “Modelling and Forecasting the Mortality of a Pension System”.

March 31<sup>st</sup>, 2016. Poster “Mexico's Epidemic of Violence and Its Public Health Significance on Average Length of Life”, presented by Vladimir Canudas-Romo

ASOCIACIÓN DE ACTUARIOS CONSULTORES, A.C.,

July 13, 2016. Speaker, “Mortality modeling and forecast”

STATISTICS AND ACTUARIAL SEMINAR, “Stochastic Projections of Mortality and some uses in Actuary”, Universidad Nacional Autónoma de México, Fac. Sciences

November 24, 2015. Speaker

CONFERENCE BY PhD FRANCE MESLÉ, Demography Cathedra, Jean Bourgeois-Pichat, 2015, CEDUA

INSTITUTIONAL PROJECT COLLOQUIUM, The future of Mexico in 2035. A prospective vision, “Recent demographic changes and future perspective in Mexico”, Universidad Nacional Autónoma de México, Social Research Institute

June 2-3, 2015. Speaker

12<sup>th</sup> NATIONAL MEETING OF DEMOGRAPHIC RESEARCH IN MEXICO, UNIVERSIDAD IBEROAMERICANA, MEXICO.

May, 2014. Speaker, “The Stagnation of the Mexican Life Expectancy in the First Decade of the Twenty First Century: The Impact of Violent Deaths” coauthored with Vladimir Canudas-Romo.

May, 2014. “The mortality by cause of death and future evolution of the Mexican population older than 60 years. 2000-2005-2010”.

May, 2014. Speaker, “Morbidity, mortality and new approximations to understand old age”

May, 2014. Speaker, “Analysis of the life expectancy, its changes and differentials”

May, 2014. Discussant in the session of *Quality in the Death Registers*.

May, 2014. Moderator of discussion *Population Estimates and Demographic Prospective*

2014 ANNUAL MEETING OF POPULATION ASSOCIATION OF AMERICA, BOSTON, MASSACHUSETTS, E.U.A.

May, 2014. Chair in *Session 06: Mathematical Demography and Formal Demography*.

SESSION OF DIALOGUES AND REFLECTIONS ON POPULATION, CITY AND ENVIRONMENT, CEDUA-COLMEX, MÉXICO

February 4, 2014. Chair in the conference: “Global Human Capital: Integration, Education and Population” by Prof. Wolfgang Lutz

SEMINARIO DE INVESTIGACIÓN CEDUA

5 February, 2014. Discussant in the conference: “New measures of age and aging” by Prof. Sergei Scherbov.

SEMINAR CEDUA. TOPICS ON AGING IN MEXICO: THE FUTURE IS HERE

September 18 – 19, 2014. Moderator

SEMINAR “50 YEARS OF RESEARCH AND TRAINING OF DEMOGRAPHERS IN MEXICO, HISTORY AND PERSPECTIVES”

June 25-26, 2014. Organizer

23th NATIONAL MEETING OF STATISTIC, AME-INEGI, AGUASCALIENTES, MÉXICO.

September, 2013: Keynote Speaker

27<sup>th</sup> IUSSP INTERNATIONAL POPULATION CONFERENCE, BUSAN, KOREAN REPUBLIC

August 26 – 31, 2013: Presentation coauthor: “The Stagnation of the Mexican Life Expectancy in the First Decade of the Twenty First Century: The Impact of Violent Deaths”.

<http://www.iussp.org/en/event/17/programme/paper/1838>

STATE OF MEXICO GOVERNMENT, POPULATION STATE COUNCIL, MEXICO.

June 12, 2013: Speaker

THE KEYFITZ CENTENNIAL SYMPOSIUM ON MATHEMATICAL DEMOGRAPHY, MATHEMATICAL BIOSCIENCES INSTITUTE, THE OHIO STATE UNIVERSITY, E.U.A.

24-28 June, 2013: Assistant

MALTHUS THINKING ON GROWTH: DEMOGRAPHY, ECONOMY AND RELIGION, EDUCATIONAL RESEARCH DEPARTMENT, CINVESTAV, IPN.

16 April 2013: Commentator

2013 ANNUAL MEETING OF POPULATION ASOCIATION OF AMERICA, NEW ORLEANS, LOUISIANA, E.U.A.

April, 2013. “A Stochastic Method to Forecast the Mexican Migration”.

April, 2013. Chair in *Session 39: Mortality of Mexican Populations in the U.S. and in Mexico: Evidence and Methods*

AN AGENDA TO THE POPULATION POLICY. REALITIES AND CHALLENGES, MEXICAN SOCIETY OF DEMOGRAPHY, CITIZEN COUNCIL TO POPULATION POLICY, NATIONAL POPULATION COUNCIL, UNITED NATIONS POPULATION FOUND, EL COLEGIO DE MEXICO, MEXICO.

November, 2012. “Demographic scenarios of Mexico”.

5<sup>th</sup> CONGRESS OF THE POPULATION ASSOCIATION OF LATINAMERICA, MONTEVIDEO, URUGUAY.

October, 2012. “Experiences, scope and limitations of 2010 Censuses”

October, 2012. Chair. “Migration of the big cities: tendencies, determinants and consequences based on recent censuses and polls”

October, 2012. Chair. “Population policies in Latin America and the Caribbean”

CENTRE FOR RURAL SUSTAINABLE DEVELOPMENT AND ALIMENTARY SOBERANITY, HOUSE OF REPRESENTATIVES, MEXICO.

October, 2012. Presenter. “Seminary: Prospective Insight of Rural Sector”

WORLD SURVEY ON THE ACCOMPLISHMENT OF THE ACTION PLAN BY THE INTERNATIONAL CONFERENCE ON POPULATION AND DEVELOPMENT, SOMEDE-UNFPA.

September-October, 2012. Participant in the working group “Population and Development”.

NATIONAL ACTUARIES COLLEGE, MEXICO CITY, MEXICO.

September 2012. Presenter. Seminar: “Demographic Conciliation”.

2012 CONFERENCES CYCLE: THE RESEARCH AT THE FLACSO MEXICO.

Jun 2012. Presenter, “The population projections as instrument for public policy”. Available at [http://youtu.be/zG\\_SZN3U5PM](http://youtu.be/zG_SZN3U5PM)

11th NATIONAL MEETING OF DEMOGRAPHIC RESEARCH IN MEXICO, MEXICAN DEMOGRAPHIC SOCIETY (SOMEDE), AGUASCALIENTES, MEXICO.

May-June, 2010. Presenter. “Stochastic projections for Mexico: current advantages and limitations”.

May-June, 2010. Presenter. “The ideational change in population policies. Mexico 1960-80”.

May-June, 2010. Chair at the session: *Demographic Conciliation*.

May-June, 2010. Discussant at the session: *Methods*.

7<sup>th</sup> WORKSHOP “TOWARDS A NEW GENERAL LAW ON POPULATION, SCOPE AND LIMITATIONS OF CONAPO”, JURIDICAL RESEARCH INSTITUTE, UNAM, MEXICO.

April, 2012. Presenter.

PRESENTER OF THE BOOK *DEMOGRAPHIC MEXICO. SELECTED TOPICS OF CONTEMPORARY RESEARCH*, CEDUA-COLMEX, MEXICO.

January, 2012. Discussant

SEMINAR “TO A NEW GENERAL POPULATION LAW”, LEGAL RESEARCH INSTITUTE, UNAM MEXICO.

December, 2011. Presenter.

WORKSHOP “TO A NEW GENERAL POPULATION LAW”, LEGAL RESEARCH INSTITUTE, UNAM MEXICO.

March, 2011. Participant.

DIALOGS AND REFLEXIONS ON POPULATION, CITY AND ENVIRONMENT CEDUA, COLMEX, MEXICO.

March, 2011. Presenter “Mexico’s population and its future: Young generations have a say”.

4<sup>th</sup> CONGRESS OF THE LATIN AMERICAN POPULATION ASSOCIATION, LA HABANA, CUBA.

November, 2010. Participant, “Workshop on population projections”

November, 2010. Presenter, “Beyond the goals. Stochastic population projections as an instrument for decision making in Latin America”.

10th NATIONAL MEETING OF DEMOGRAPHIC RESEARCH IN MEXICO, MEXICAN DEMOGRAPHIC SOCIETY (SOMEDE), MEXICO CITY, MEXICO.

November, 2010. Presenter, “Stochastic forecast of Mexican population. 2000-2005 estimates evaluation and perspectives towards 2010 census”.

November, 2010. Moderator, “Recent tendencies of mortality and health”.

NATIONAL ACTUARIES COLLEGE, MEXICO CITY, MEXICO.

October, 2010. Presenter “Stochastic Projections on Mexico’s Population, 2000-2050”.

11<sup>th</sup> WEAK OF ACTUARY, FACULTY OF HIGHER STUDIES, ACATLÁN, UNAM, MEXICO.

October, 2010. Presenter. “Stochastic Projections on Mexico’s Population”.

14<sup>th</sup> FACULTY OF SCIENCES’ COLOQUIUM OF ACTUARY, UNAM, MEXICO.

September, 2010. Presenter. “Stochastic Projections on Mexico’s Population, 2000-2050”.

FORUM ON “DEMOGRAPHIC FACTORS TO HEALTH SECTOR’S BUDGET ALLOCATION”

July, 2010. Presenter. 5<sup>th</sup> Legislature Population and Development Commission, Mexico City.

WORKSHOP “TENDENCIES AND RECENT ESTIMATIONS OF THE DEMOGRAPHIC DYNAMIC COMPONENTS”

July, 2010. Presenter in the session on “Census Conciliation”, Centre of Demographic, Urban and Environmental Studies, El Colegio de México A.C., Instituto de Investigaciones Sociales, UNAM and Sociedad Mexicana de Demografía.

42th NATIONAL CONGRESS OF THE MEXICAN MATHEMATICAL SOCIETY, ZACATÉCAS-MÉXICO

2009: Oral presentation: “Stochastic forecasting of Mexican population”.

9th NATIONAL MEETING OF DEMOGRAPHIC RESEARCH IN MEXICO, MEXICAN DEMOGRAPHIC SOCIETY (SOMEDE), MERIDA-YUCATÁN, MEXICO

2008: Oral presentation of “Ex-post analysis of population projections of Mexico”

8th NATIONAL MEETING OF DEMOGRAPHIC RESEARCH IN MEXICO, MEXICAN DEMOGRAPHIC SOCIETY (SOMEDE), GUADALAJARA-JALISCO, MEXICO

2006: Poster presentation of “Mathematical Models for the Estimation of Internal Migration of Mexico”

VIENNA INSTITUTE OF DEMOGRAPHY (VID) COLLOQUIUM, VIENNA-AUSTRIA.

June 3, 2008: Ron Lesthaeghe: “Demographers and Social Science Theories” y “Twenty Years Later: The SDT Predictions Revisited”.

VID COLLOQUIUM, VIENNA-AUSTRIA.

February 22, 2008: Wolfgang Lutz: “The Coming Acceleration of Global Population Ageing”.

INTERNATIONAL CONFERENCE, VID COLLOQUIUM, VIENNA-AUSTRIA.

December 6-7, 2007: Can Policies Enhance Fertility in Europe?

IIASA CONFERENCE 2007. HOFBURG IMPERIAL PALACE, VIENNA-AUSTRIA.

November 14-15, 2007: Global Development: Science and Policies for the Future.

4th SUMMER SCHOOL ON PROBABILITY, UNAM-MATHEMATICS INSTITUTE, MORELIA-MICHOACÁN, MEXICO.

September 12 to 16, 2005: Speakers: Jean Bertoin (University of Paris VI) “Stochastic processes of coagulation”, Sylvie Meleard (University of Paris X) “Probabilistic models in Adaptive Evolution” and Víctor Rivero (University of Paris X) “Introduction to Markov self-similar positive processes”.

IIASA, LAXENBURG-AUSTRIA.

September 10-11, 2007: MicMac Meeting on Assumptions on Future Mortality and Morbidity Trends in Europe.

UNAM, POSTGRADUATED DIVISION OF FACULTY OF ENGINEERING, MEXICO CITY, MEXICO.

2003: Attendant. Speaker: Ambrose Goicoechea “Analytic Frameworks for Decision Making with Multiple Goals”

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## **ACADEMIC COMMITTEES AND ADMINISTRATIVE POSITIONS**

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### **Evaluator of Sabbatical Stays CONACyT**

June, 2018

### **Member of Professors’ board, CEDUA-COLMEX**

January-December, 2019

January-December, 2018

January-December, 2017

### **Member of the Committee of the Evaluation of the Sectoral Fund CONACYT-INEGI**

Since 2017

### **Member of the Extended Technical Group INEGI-CONEVAL for the evaluation of socio-economic conditions of ENIGH module**

2017

### **Member of the Academic Technical Committee of the Thematic Network Aging, Health and Social Development (REDES)**

Since 2016

### **Member of the committee to evaluate the applicants to the Master in Population and Development, FLACSO-Mexico**

January-March 2012.

### **Member of the committee to review the quantitative courses of graduate studies on Population and Development, FLACSO-Mexico**

November 2011- March 2012.

**Representative of FLACSO-Mexico at the Mexican Statistical Association.**  
2011-2012

**Member of the Academic Committee for the Graduate Studies on Population and Development, FLACSO-Mexico**  
Elected for period 2011-2013.

**SOMEDE's Treasurer**  
Elected for period 2011-2013.

### **PROFESSIONAL MEMBERSHIPS**

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- **International Union for the Scientific Study of Population** since 2013
- **Expert Network for Latin American Population Estimations and Projections, ALAP-CELADE** since 2010
- **National College of Actuaries** since 2010
- **Complexity Sciences Centre (C3), Associated Research, UNAM Mexico.**  
<http://c3.fisica.unam.mx/asociados/investigadores/nombre/g>
- **Population Association of America** since 2009  
[http://www.popassoc.org/i4a/member\\_directory/feResultsListing.cfm?directory\\_id=2](http://www.popassoc.org/i4a/member_directory/feResultsListing.cfm?directory_id=2)
- **Mexican Society of Demography** since 2009
  - **Member of the Directive Board 2010-2013**  
<http://www.somede.org>

### **NON-ACADEMIC PROFESSIONAL EXPERIENCE**

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**United Nations Population Fund (UNFPA)**  
2018. Consultant in project on Probabilistic Population Projections in Chile at a subnational level

**Interamerican Development Bank-SEDESOL, México.**  
March-Julio, 2018. Consultant in project to demographically analyze and forecast the list of beneficiaries of the Social Inclusion Program –Prospera.

**United Nations Population Fund (UNFPA)- National Population Council (CONAPO), México.**  
2016-2017. Consultant in project to calculate population projections of Mexico and its Federal Entities 2016-2050.

**Ministry of Social Development (SEDESOL), México.**  
2016-2017. Consultant in project to calculate the potential beneficiary population of the program “Life Insurance for women head of family in poverty”.

**Allianz Insurance Company, México**  
2016-2017. Consultant in project to analyze mortality in pension´s portfolio

**Mexican Association of Insurance Institutions (AMIS), México**  
2015-2016. Consultant in a project for analyzing the mortality of the Portfolio of Life Insurances.

**National Population Council (CONAPO), México.**

2015. External Consultant in a project on analysis of demographic sources.

**SURA Mexico S.A. de C.V., Mexico.**

2015. Consultant for analyzing the mortality of the Portfolio of Pensions.

**Pensions Bancomer S.A. de C.V., Mexico.**

2014. Consultant for Analyzing the Mortality in the Portfolio of Pensioners.

**Las Quince Letras Solutions S.C., Mexico.**

2012-2013. Consultant in a Project for Banamex City Group S.A. de C.V.

**National Population Council (CONAPO), Ministry of Interior (SEGOB), Mexico.**

2010-2011. Consultant on project on demographic projections.

**Mexico City's Ministry of Interior, Mexico.**

2011. Consultant.

**Unit of Opinion Studies (UDES), Social Research Institute, UNAM.**

2010 Technical coordinator.

**Financial Group BBVA Bancomer S.A.**

2004-2005 Risk manager.