José Manuel Aburto

CONTACT INFORMATION	University of Southern Denmark J.B. Winsløws Vej 9 DK-5000 Odense C +45 65 50 94 16 jmaburto@health.sdu.dk
RESEARCH INTERESTS	Demography, demographic methods, health, mortality, statistical modeling, lifespan equality, biodemography.
FORMAL EDUCATION	**PhD candidate in Demography**, Max Planck Odense Center on the Biodemography of Aging, University of Southern Denmark, 2016-19. Supervisors: James W. Vaupel and Vladimir Canudas-Romo. **European Doctoral School of Demography**, Sapienza University of Rome & Max Planck Institute for Demographic Research, 2015-16. Supervisors: Alyson van Raalte and Tim Riffe **M.Sc. Demography**, El Colegio de Mexico, Mexico City, 2012-14. Supervisors: Hiram Beltrán-Sánchez and Victor M. García Guerrero **B.S., Actuarial sciences**, Universidad Autonoma de Guadalajara, Guadalajara, Mexico, 2005-09.
PROFESSIONAL EXPERIENCE	**Consultancy**. World Bank; Age- and Cause-Decomposition of the Difference in Life-Expectancy in Latin American and Caribbean Countries 2017 **Research Assistant**. Max-Planck Odense Center on Biodemography of Aging; IST - EBB/Epidemiology, Biostatistics and Biodemography. University of Southern Denmark 2016-2017 **Assistant Director**. Demographic Analysis Direction- Census Division. National Institute of Statistics and Geography (INEGI) 2010-2012 **Research Assistant**. "Derecho a la Identidad: la cobertura del registro de nacimiento en Mexico en 1999 y 2009". INEGI-UNICEF 2011-2012 **Risk Account Analyst**. AON Risk Services (Guadalajara) 2007-2009
TEACHING RESEARCH EXPERIENCE	**Teaching Assistant**. Demography & Economics. University of Southern Denmark Fall term 2017 **Teaching Assistant**. Mathematical Analysis. Universidad Autonoma de Guadalajara. July 2008 - February 2009

PUBLISHED ARTICLES	Canudas-Romo, V., **Aburto, J.M.** (2017). "Biodemography of Aging Determinants of Healthy Life Span and Longevity". *European Journal of Population.* https://goo.gl/KZbPSu.
	Canudas-Romo, V., **Aburto, J.M.**, García-Guerrero, V., Beltrán-Sánchez, H. (2017), "Mexico's Epidemic of Violence and its Public Health Significance on Average Length of Life". *Journal of Epidemiology and Community Health*, 71(2), 188-193. doi:10.1136/jech-2015-207015
	Aburto, J.M., Beltrán-Sánchez, H., García-Guerrero, V., Canudas-Romo, V. (2016), "Homicides In Mexico Reversed Life Expectancy Gains For Men And Slowed Them For Women, 2000-10". *Health Affairs*, 35(1),88-95.
	Aburto, J.M., García Guerrero, V.M. (2015) "El modelo aditivo doble multiplicativo. Una aplicación a la mortalidad mexicana". *Papeles de población*, 21(84), 9-44.
BOOK CHAPTERS	Lenart, A., **Aburto, J.M.**, Stockmarr, A., Vaupel, J.W. (Forthcoming). "The human longevity record may hold for decades". In *Supercentenarians.* Edited by Bernard, Maier, Vaupel.
REVIEW PAPERS FOR	**International Journal of Epidemiology** **Health Affairs** **Injury Prevention** **Theoretical Population Biology** **Genus** **Papeles de Población**
WORKING PAPERS	**Aburto, J.M.**, Riffe, T., Canudas-Romo, V. " Avoidable mortality in Mexican states 1990-2015: the role of causes amenable to health behavior"
	Aburto, J.M., van Raalte, A. "Lifespan variation in Central and Eastern Europe"
	Aburto, J.M., Basellini, U., Kjærgaard, S., Vaupel, J.W. "Life Expectancy and Lifespan Equality: a Long-run Relationship"

RESEARCH STAYS	**University of Wisconsin-Madison**.	Spring 2014
	Mathematics Research Center (CIMAT).	Fall 2009

INVITED PRESENTATIONS

Life expectancy and lifespan equality: a long run relationship. Max Planck Institute for Demographic Research, MaxNet aging. 2017

Pace and Shape of real vs lifetable's age at death distributions. Max Planck Institute for Demographic Research, MaxNet aging. 2017

Violence in Mexico in the first decade of the XXI century. Sapienza University of Rome, with Vladimir Canudas-Romo. 2015

ACADEMIC PRESENTATIONS

Macro patterns in the evolution of human aging. BSPS Annual Conference. Liverpool, UK. 2017

Homicides increase variation in lifespans in Mexico and its States, 2005-2015. BSPS Annual Conference. Liverpool, UK. 2017

Lifespan inequalities in Mexico and its states 1995-2015. International Seminar on Mortaliy, Unicamp, Brazil. 2017

Human Mortality Database Symposium. Oral Presentation. Berlin, Germany. 2017

Life expectancy and lifespan equality: a long run relationship. Oral Presentation. PAA. Chicago, USA. 2017

Lifespan variation in Central and Eastern Europe. Poster Session. PAA. Chicago, USA. 2017

Lifespan variation in Central and Eastern Europe. 9th Young Demographers Conference. Prague, Czech Republic. 2017

Lifespan dispersion in Eastern Europe. European Population Conference. Mainz, Germany. 2016

Homicide, Health, and Deviations from Best Practices Mortality: Mortality in Mexican States, 1990-2010. Poster Session. Population Association of America. Washington, D.C. 2016

Estimación de la Mortalidad Mexicana por el Método de Lee-Carter y por el Modelo Aditivo Doble Multiplicativo Propuesto

por Wilmoth. SOMEDE at Aguascalientes, Mexico. 2012

Diagnóstico de la cobertura de los registros de nacimientos en México. SOMEDE at Aguascalientes, Mexico. 2012

PROFESSIONAL TRAINING	**Workshop in "Matrix approaches in health demography"**, Max Planck Institute for Demographic Research 2017

Workshop in "Advanced statistics in biomedicine", University of Southern Denmark 2016

Workshop in "Intergenerational transfers and demographic transformations", El Colegio de Mexico. Iván Mejía Guevara 2013

Workshop in "Remote sensing applications to social science research", El Colegio de Mexico. José Luis Silván 2013

Workshop in "Multistate models", El Colegio de Mexico. Alberto Palloni 2011

Redatam Data Base Creation, Instituto Nacional de Estadística y Geografía 2011

Applied Analytics Using SAS Enterprise Miner , Instituto Nacional de Estadística y Geografía 2011

Generating Statistical Information, Instituto Nacional de Estadística y Geografía 2011

Redatam Process, Instituto Nacional deEstadística y Geografía 2010

School of mathematical and vector analysis, Centro de Investigación en Matemáticas 2009

X School of probability and statistics, Centro de Investigación en Matemáticas 2009

First summer of research in probability and statistics, Centro de Investigación en Matemáticas 2008
Project: "Simultaneous Multiresponse Optimization"

National Council of Science and Technology (CONACYT) funding for a research stay. Spring 2014

National Council of Science and Technology (CONACYT) Studentship to pursue Master degree. 2012-2014

Actuarial Sciences cohort 2005-2009 BD *Summa Cum Laude*, Universidad Autonoma de Guadalajara 2009

National Program of Fellowships (PRONABE) Studentship to pursue BSc degree. 2005-2009

LANGUAGE ABILITIES

Spanish: native speaker.

English: fluent.

Portuguese: good command.

Italian: good command.