**CURRICULUM VITAE**

**Name** ***Jesus Hernandez-Arce***

Date of Birth 1965, June 28

Country of Birth Durango, Mexico

Marital Status Single, 1 Daughter

**Permanent Address** ***Chihuahua, Chihuahua***

Phone (627) 3983835

E-mail jesus.hernandez.arce@gmail.com

**Studies** ***Doctorado en Desarrollo Económico y Sectorial***

***Estratégico* (in progress)**

UPAEP - Puebla. 2013 to date

***Master Degree in Economics***

 University of Las Americas-Puebla

 CONACYT Scholarship

 ***Bachelor of Applied Mathematics***

Universidad Juarez del Estado de Durango, 1991

 Thesis Scholarship from CONACYT

***Software Engineering* (in progress)**

University of Chihuahua

Aug 2019 to date

***Business Consultant***

 BUAP – NAFIN - Puebla

 Aug/1998 - Sep/1998

**Professional Objective** ***Teaching*** *-* ***Consulting***

Business Plans,

Cluster Analysis,

Finance Risk Modeling,

Industrial Organization,

Mathematical Modeling,

Game Theory (industry strategic behavior),

Data Envelopment Analysis,

Data Projections & Forecasting

**Languages** ***English*** American College of Durango

& life in Tucson, Arizona

***French*** B2 in progress, UACH, module 9

***Italian*** University of Durango

& life in Siena, Italy

***German*** Volkswagen Institute Puebla,

Themen neu 2, 5th level

**Honors**

***Journal peer Reviewer***

*Journal of Geography and Regional Planning*

*Journal of International finance*

*African journal of Agricultural Research*

2015 to date

*Cuadernos de Economía*, National University of

Colombia

Charting the course of Globalization

NMSU, 2006, 1st Prize

**Working Experience**

***University of Chihuahua***

* Secretary of Research and Graduate Studies (econ) Oct 2016 - Aug 2018
* Academic Secretary 2001 - 2004
* English Diploma Coordinator, CUP – Parral 2017 - Aug 2018
* Full Time Professor, Faculty of Economics Jan 2001 - date

***Instituto de Investigaciones Eléctricas IIE*,** Morelos Aug/1991 - Nov/1992

Department of Simulation

***Consulting***

*Superintendencia de Bancos de Guatemala* July 2011

Consultor, Data Envelopment Approach

*Consulting* topics as

in professional

objective

**Book**

 **Published** “Frontier Efficiency Approach; An alternative to firm efficiency

estimation” University of Chihuahua-Editorial, 2003.

ISBN:970-748-006-8

**Teaching Experience - Graduate**

* Benemérita Universidad Autónoma de Puebla 1997-2000
* El Colegio de Puebla, A.C., Puebla 1998-2000
* University of Chihuahua – Business & Economics 2001 to date
* Lasalle University – Chihuahua May 2019
* Topics
* Mathematics for Business (operation research)
* Health Economics (modeling for efficiency & decision making)
* Market Research
* Business Plans
* Financial Economics
* Dynamic Optimization

**Teaching Experience – Undergraduate**

* University of Las Americas-Puebla Jan/1997 - May/1998
* Universidad Iberoamericana Golfo Centro Aug/1997 - Dec/2000
* Benemérita Universidad Autónoma de Puebla, Aug/1997 - Dec/2000
* University of Chihuahua– Business & Economics Jan/2001 - to date
* Lasalle University – Chihuahua Aug 2018 to date

##### **Abroad Courses (Master Level)**

**Central** **Bank of Guatemala, C.A.**

Program on High Studies on Economics and Central Bank Finances

* March 2000 Advanced Microeconomics
* Apr-May 2001 Advanced Microeconomics
* Mar-Apr 2002 Mathematical Economics
* Apr-May 2003 Advanced Microeconomics
* Mar-Apr 2004 Comparative Static Analysis
* March 2005 Basic Econometrics & Econometrics Lab
* April 2011 Optimization on several variables
* October 2011 Dynamic Optimization
* April 2013 Optimization on several variables
* April 2015 Optimization on several variables
* June 2017 Microeconomics I

#### Research & Publications (some)

* ***Clúster Aeroespacial. Perfil Competitivo para el Estado de Sonora*.** Jesús Hernández Arce, Carlos Méndez P, Jorge Alberto Romero H, Francisco Javier León M. Revista Memorias Congreso Internacional de Investigación Científica Multidisciplinaria 2014.
* ***La sobreeducación de los profesionistas en el mercado laboral mexicano. Nayely Yolanda Balbuena Saldivar, Javier Martínez Morales, Jesus Hernandez Arce.*** Revista Memorias Congreso Internacional de Investigación Científica Multidisciplinaria 2015.
* ***A comparison among parametric and non-parametric methods for estimating efficiencies; some situations in the bank industry*** Jesus Hernandez Arce, Claudia Saenz Vota. Revista Memorias Congreso Internacional de Investigación Científica Multidisciplinaria ITESM Chihuahua, 2015.
* ***Educational Mismatch, Skill Mismatch and Wages***: Panel Evidence from Korean Youth Labor Market. Kihong Park, PhD, Jesus Hernandez Arce, MScE. Dic 2019 – Jan 2020, African and Asian Economics.

# *Willingness to pay for safe drinking water: Evidence from Parral, Mexico,* William F. Vásquez, Pallab Mozumder, Jesús Hernández Arce, Robert P. Barrens. *Journal of Environmental Management,* 90, 2009.