

# WERNER L. HERNANI-LIMARINO

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## SUMMARY

- I am a development applied micro-economist passionate about generating knowledge and change where it's needed the most. I have experience across a wide range of fields and countries. In particular, I have knowledge and experience on impact evaluation, welfare analysis, education & skills, informality & labor markets, child & forced labor, and gender/race/ethnic inequality. I have also experience with survey design and implementation, data analysis and visualization, econometric analysis and machine learning methods.

## EDUCATION

- **University of Pennsylvania. Philadelphia, PA, USA** June 2005  
Master in Economics
- **Universidad Católica Boliviana. La Paz, Bolivia** June 1999  
Bachelor in Economics. *Summa Cum Laude*

## AWARDS

- Best Bolivian economist under the age of 40. Hanns Seidel Foundation. 2015.
- [Best Practice Research Award](#) Partnership for Economic Policy. 2014.
- Academician (Académico de Número). [Bolivian Academy of Sciences](#). Since Nov, 2013.
- Dean Fellowship Graduate Scholarship. 2003-2004.
- Academic Excellence Fellowship. 1998-1999.

## PROFESSIONAL

**Partnership for Economic Policy** **Nairobi, Kenya**  
*Research Fellow* *Sept 2018 to present*

- **Key achievements:** Explore alternative models for supporting quality research and capacity development for policy change in the global south. Develop an innovative research agenda and look for potential sources of funding.

**Fundación ARU** **La Paz, Bolivia**  
*Distinguished Research Fellow* *August 2018 to present*

- **Key achievements:** Develop and secure funding for an innovative research agenda to analyze the behavioral effects of political and COVID crisis. Develop a research agenda to apply Machine Learning algorithms to identify victims and women at risk of intimate partner violence.

**Fundación ARU** **La Paz, Bolivia**  
*Founder, Executive Director* *August 2006 to August 2018*

- **Key achievements:** Exercised intellectual leadership, to strategically position ARU within a changing global development environment.
- Strengthened its reputation and visibility as a leading policy research institution that delivers high-quality research evidence and results. ARU was ranked among the Top 3 think tanks in Bolivia and the Top 50 in the region by the [Global Go To Think Tank Index](#).
- Secured +3 million USD in core and project funding to ensure its financial security.
- Designed and successfully executed +50 research projects, +20 [data collection projects](#), +10 impact evaluations, and 3 behavioral experiments. Establish permanent [national](#) and international fora of policy dialogue.
- An [independent evaluation](#) has estimated ARU's return over investment of +650 in its throughout contributions to the Bolivian policy change process.

**Development Research Group, The World Bank** **Washington, DC**  
*Full Time Consultant* *March 2002 - August 2003*

- *Supervisors:* Peter Lanjouw and Quentin Wodon
- **Key achievements:** Undertake technical advisory missions to countries advising counterparts in the use of small-area estimation of disaggregated [poverty maps](#) and their use for geographical targeting of sectoral investments and poverty alleviation. Collaborate in the monitoring and evaluation of technical cooperation projects for strengthening the national capacities of national statistical offices and planning systems.

**Research Department, Inter-American Development Bank (IADB)** **Washington, DC**  
*Research Fellow* *January 2001 - March 2002*

- *Supervisors:* Suzanne Duryea and Carmen Páges
- **Key achievements:** Update and further develop a data bank of +200 households surveys for Latin-American and Caribbean countries and create statistics that allow a comparative analysis of employment and labor, education, poverty and inequality and socioeconomic conditions. Maintain appropriate liaison between with **National Statistical Offices** for the provision and exchange of information. Monitor and evaluate overall social developments in the LAC region, with particular focus on employment-intensive growth, job creation, youth employment and employment in the informal economy, access to education and basic services, poverty and inequality, Prepare inputs for the Inter-American Development Bank's [Report on Economic and Social Progress in Latin America](#)

## Institute of Applied Economic Research (IPEA)

Research Fellow

Rio de Janeiro, Brazil

January 2000 - December 2000

- *Supervisor:* Ricardo Paes de Barros
- **Key achievements:** Develop a harmonized data bank of +50 available household surveys for countries in Central America. Analyze and re-analyze complex and conflicting statistics on levels, changes and socioeconomic determinants of poverty and inequality in Central America. Provide key policy analysis to their *Poverty Reduction Strategies*. Collaborate in the analysis of trends and determinants of racial inequalities in the labor and education markets in Brazil.

## Economic and Social Policy Analysis Unit (UDAPE)

Junior Economist

La Paz, Bolivia

June 1999 - December 1999

- *Supervisors:* Rodney Pereira
- **Key achievements:** Develop a harmonized data bank of all available household information to monitor social progress in Bolivia. Develop a micro-simulation model to evaluate [the impact of financial and commercial liberalization on poverty and inequality outcomes in Bolivia](#).

## CORE AND RESEARCH GRANTS (SELECTED)

### The Think Tank Initiative

Core Grant

1,000,000 CAD

January 2010 to December 2019

- Strengthening capacity of independent policy research institutions, bridging knowledge, policy and practice.

### Southern Voice

*The State of the SDGs: Global Report*

Jun, 2019

### Partnership for Economic Policy

- Community Based Monitoring System, Phase II

June, 2015

- Community Based Monitoring System, Phase I

June, 2014

### The Latin American and Caribbean Research Network

- Interventions in Latin America and the Caribbean June, 2019.
- Non-Contributory Pensions, Social Assistance Programs and Household Savings in Latin America and the Caribbean April, 2014.
- Understanding Domestic Savings in Latin America and the Caribbean September, 2013.
- Strengthening Mobility and Entrepreneurship: A Case for the Middle Classes March, 2011.
- Protecting Workers Against Unemployment in Latin America and the Caribbean November, 2009.
- Quality of Life in Urban Neighborhoods in Latin America and the Caribbean June, 2007.
- The Quality of Education in Latin America and the Caribbean May, 2007.

## CONSULTANCIES (SELECTED)

- Welfare Analysis -

### [An analysis of the recent trends in income and non-income, poverty and inequality in Bolivia and their main drivers](#)

Bolivia

*The World Bank*

Technical audit of the influence of changes in sampling, content design and imputation and harmonization procedures on the official monetary poverty trends for the 1999-2008 period in Bolivia.

Bolivia

*The World Bank*

### [Micro-estimation of micro-level poverty and inequality maps.](#)

Bolivia

*The World Bank*

### [Micro-estimation of micro-level poverty and inequality maps.](#)

Guatemala

*The World Bank*

### [Micro-estimation of micro-level malnutrition and obesity maps.](#)

Guyana

*Inter-American Development Bank*

### [Micro-estimation of micro-level malnutrition and obesity maps.](#)

Jamaica

*Inter-American Development Bank*

### [Micro-estimation of micro-level poverty and inequality maps.](#)

Honduras

*Inter-American Development Bank*

### [Technical audit of the comparability of per-capita income and consumption aggregates for the period 1999-2005](#)

Bolivia

*Bolivia's National Bureau of Statistics*

### [Analysis of the socioeconomic inequalities the indigenous population](#)

LAC

*International Labor Office (ILO)*

- Impact assessment and cost-benefit analysis

### [Design and implementation of a RCT impact evaluation of the registry of commerce on productivity of micro-enterprises in Bolivia.](#)

Bolivia

*Development Bank of Latin-America (CAF)*

### [Design of a monitoring instruments and evaluation strategies for the Adult Employment Support Program](#)

Bolivia

*Inter-American Development Bank*

<b>Cost-benefit analysis of the public school construction program.</b> <i>Inter-American Development Bank</i>	<b>Bolivia</b>
- Child & forced labor -	
<b>Meta-analysis of ILO interventions in Latin America and the Caribbean on child labor, forced labor and human trafficking</b> <i>International Labor Office (ILO)</i>	<b>LAC</b>
<b>Analysis of the level and socioeconomic determinants of children in forced labor and hazardous occupations</b> <i>International Labor Office (ILO)</i>	<b>Bolivia</b>
<b>An socio-economic analysis of changes in the supply, demand and equilibria of remunerated domestic work in Peru.</b> <i>International Labor Office (ILO)</i>	<b>Peru</b>
<b>Design and pilot test of instruments for the measurement and quantification of forced labor in illegal mining in Peru.</b> <i>International Labor Office (ILO)</i>	<b>Peru</b>
<b>An analysis of the level of vulnerability of Latin-American and Caribbean countries to the international financial crises</b> <i>United Nations Development Program (UNDP)</i>	<b>LAC</b>
<b>Production of The Bolivian National Report on Child Labor, 2008</b> <i>Bolivia's National Bureau of Statistics</i>	<b>Bolivia</b>
- Survey design and analysis -	
<b>Sample and content design of the 2018 Bolivian Household Survey</b> [Bolivia] [Bolivia's National Bureau of Statistics][[]]	
<b>Sample and Content Design of the Quarterly Survey of Urban Employment in Bolivia</b> . (A 2-2-2 rotating panel)[Bolivia] [Bolivia's National Bureau of Statistics][[]]	
<b>Design and implementation of an impact evaluation of micro-credit in industrial and farming activities.</b> <i>Bolivia's Productive Development Bank</i>	<b>Bolivia</b>
<b>Sample and content design of the 2009 Mobility and Social Stratification Survey (EMES).</b> <i>United Nations Development Program (UNDP)</i>	<b>Bolivia</b>
- Capacity building ecosystems	
<b>Audit of the Bolivian Educational Information System (SIE).</b> <i>United Nations Educational, Scientific and Cultural Organization (UNESCO)</i>	<b>Bolivia</b>
<b>¿What are and how to achieve evidence-based policies?</b> <i>National Secretariat for Science, Technology and Innovation (SENACYT)</i>	<b>Panama</b>
<b>Analysis of the challenges and capacity gaps of research for development in East Africa</b> <i>Economic Development Initiative (EDI)</i>	<b>East Africa</b>
<b>Analysis of the challenges and capacity gaps of research for development in South East Asia</b> <i>Economic Development Initiative (EDI)</i>	<b>South East Asia</b>
<b>WORK IN PROGRESS AND PUBLICATIONS (SELECTED)</b>	
- Work in Progress -	
<ul style="list-style-type: none"> <li>• <a href="#">Identifying Victims and Woman at Risk of Intimate Partner Violence with Machine Learning</a></li> <li>• <a href="#">Fraud Fingerprints in the 2019 Bolivian Presidential Election</a></li> <li>• <a href="#">Buying Votes? The Effect of Cash Transfers on Voting Intentions and Political Views</a></li> <li>• <a href="#">Inducing Cooperation In Fragmented Societies: Experimental Evidence From Bolivia</a></li> <li>• <a href="#">Conflict, COVID-19 and Behavior: Analyzing the effects of the 2019 Political and COVID Crisis in Bolivia</a></li> </ul>	
- Books and Chapters in Books - - Impact Evaluation -	
<ul style="list-style-type: none"> <li>• <a href="#">Non-Contributory Pensions, Labor Supply and Gender Inequality: The Case of Bolivia's Renta Dignidad</a> (with Gary Mena). In <i>Social Protection and Beyond</i>. IDRC (forthcoming)</li> <li>• <a href="#">Meta-analysis of ILO interventions in Latin America and the Caribbean on child labor, forced labor and human trafficking</a> Oficina de Evaluación. Organizacion Internacional del Trabajo, Enero 2020</li> <li>• <a href="#">Assessing the Impact of Social Policies in Bolivia</a>. Fundación ARU, La Paz, Bolivia. December, 2015.</li> <li>• <a href="#">Entendiendo las desigualdades de género en el mercado laboral. Una aplicación al caso de Bolivia</a>. In <i>Promoviendo el empoderamiento económico de las mujeres a través de mejores políticas</i>. Alma Espino and Soledad Salvador (Editores). Centro Interdisciplinario de Estudio sobre el Desarrollo CIEDUR. Montevideo, Uruguay. December, 2014</li> <li>• <a href="#">Are Teachers Well Paid in Latin-America and the Caribbean? Relative Wage and Structure of Returns of Teachers In Incentives to Improve Teaching. Lessons from Latin America</a> Emiliana Vegas, (Editor). World Bank Publications, The World Bank, Number 7265, August, 2005.</li> <li>• <a href="#">Regional Integration and Wage Inequality (With Suzanne Duryea and Raymond Robertson) In Beyond Borders: The New Regionalism in Latin America: 2002 Report on Economic and Social Progress in Latin America</a> Inter-American Development Bank. October, 2002.</li> <li>• <a href="#">Bolivia: Efectos de la Liberalización sobre el Crecimiento, Empleo, Distribución del Ingreso y Pobreza</a> (with Rodney Pereira and Wilson Jiménez). In <a href="#">"Liberalización, Desigualdad y Pobreza: América Latina y el Caribe en los 90"</a>. Ricardo Paes de Barros, Lance Taylor y Rob Vos (Editores). PNUD. Nueva York, 2002</li> </ul>	

- [Los maestros en Bolivia: Impacto, incentivos y desempeño](#) (w/ Miguel Urquiola, Wilson Jiménez and ML Talavera). La Paz: Sierpe. 2000.

- Peer Review Journals and Working Papers - - Impact Evaluation -

- [Temporary Employment Programs, Consumption Smoothing and Employability](#) *Latin-American Journal of Economic Development* Feb, 2015 7-34
- [Job Training and Employability Evidence from Mi Primer Empleo Digno](#). (with Paul Villarroel) *Latin-American Journal of Economic Development* Feb, 2015 35 -76.
- [Intended and unintended effects of unconditional cash transfers: The case of Bolivia's Renta Dignidad](#) (with Gary Mena) *Latin-American Journal of Economic Development* Feb, 2015 77-148.
- [Free of Illiteracy? Evaluating the Bolivian Experience with the National Literacy Program Yo Si Puedo](#) (with Paul Villarroel and Christian Valencia) *Latin-American Journal of Economic Development* Feb, 2015 149-232
- [Evaluating the Impact of Micro-credit in Bolivia](#) (with Paul Villarroel) *Latin-American Journal of Economic Development* Feb, 2015. 233-282.
- [Assessing the Impact of School Subsidies in Bolivia: A Reduced Form Non-Parametric Approach](#) *Latin-American Journal of Economic Development* Feb, 2015 283-296.
- [Intended and Unintended Effects of Non-contributory Pensions: The Case of Bolivia's Renta Dignidad](#) Inter-American Development Bank Working Paper Series No.IDB-WP-631 December, 2015.
- [Unemployment in Bolivia: Risks and Labor Market Policies](#) (with Ernesto Yañez and Maria Alejandra Villegas) Inter-American Development Bank Working Paper Series No.IDB-WP-271
- [Schools, Teachers, Parents and Academic Achievement in Bolivia](#). The Latin American and Caribbean Research Network Report. December, 2007.
- [Entrepreneurship and Economic Mobility: A Case Study of Bolivia](#) (with Ahmed Eid and Paul Villarroel). The Latin American and Caribbean Research Network Report. January, 2011
- [Unravelling Declining Income Inequality in Bolivia: Do Government Transfers Matter?](#) (with Ahmed Eid). Income, Wealth and Well-Being in Latin America Conference Papers. International Association for Research in Income and Wealth - Instituto Brasileiro de Geografia e Estatística. September, 2013.
- [La evolución de la pobreza en Bolivia: un enfoque multidimensional](#) (with Paul Villarroel). In *Revista Latinoamericana de Desarrollo Económico* N.20 Nov, 2013 7 - 74
- [Trazando líneas: estimación de la canasta básica de alimentos y líneas de pobreza en Bolivia para el periodo 1999-2012](#) (with Wilson Jimenez y Gary Mena). In *Revista Latinoamericana de Desarrollo Económico* N.20 Nov, 2013
- [Pobreza monetaria: Crecimiento y redistribución](#) (with Alejandra Uribe). In *Revista Latinoamericana de Desarrollo Económico* No 20 Noviembre 2013 149 - 230
- [La Disminución en los Retornos a la Educación en la Bolivia Urbana](#) (with Paul Villarroel) Fundación ARU. Working Paper. December, 2011.
- [The Illusion of Education: Are There Returns to Schooling on Development Goals?](#) Fundación ARU. Working Paper. January, 2019.
- [A country at risk of being left behind: Bolivia's quest for quality education](#) (with Lykke Andersen, A. Medinaceli and C. Maldonado ) Southern Voice. Occasional Paper Series No.63. May, 2020.
- [Understanding Changes in Domestic Savings in Bolivia](#) (With Gary Mena). IADB Research Network Report. June, 2015.
- [Evolución de la Estructura de Empleo e Ingresos en Bolivia en el Periodo 1999-2009](#) Fundación ARU. Documento de Trabajo Mar, 2011.
- [Estimando la distribución del salario de Reserva](#) Fundación ARU. Documento de Trabajo Feb, 2011.
- [Understanding Changes in Social Cohesion in Bolivia](#) (with M.A. Villegas) *International Conference on Social Cohesion and Development Papers and Proceedings* OECD. December, 2010
- [The Quality of Life in Urban Neighborhoods in Bolivia: A case of study of the Great La Paz and Santa Cruz](#) IADB Research Network Report. June, 2008 .
- [Desigualdades Persistentes: Efectos Contemporáneos de la Discriminación Colonial al Indígena en Bolivia](#). Documento de Trabajo. Organización Internacional del Trabajo (OIT). June, 2007
- [¿Cuál es el Costo de la Discriminación al Indígena en Bolivia?](#) Documento de Trabajo. Organización Internacional del Trabajo (OIT). June, 2007
- [Estructura de la Discriminación al Indígena en Bolivia](#). Documento de Trabajo. Organización Internacional del Trabajo (OIT). June, 2007.
- [Redistributive Politics, Decentralization and Secession: Evidence from Bolivia's Autonomic referendum](#). Fundación ARU Working Paper. June 2006.
- [Mercado laboral, pobreza y desigualdad en Bolivia](#). In *Estadísticas y Análisis*. Instituto Nacional de Estadísticas: Bolivia (INE), December 2002.
- [The Human Capital Illusion: Are there returns to schooling on development goals](#)
- [A country at risk of being left behind: Bolivia's quest for quality education](#)

## CONFERENCE PRESENTATIONS (SELECTED)

### [UNRAVELLING DECLINING INCOME INEQUALITY IN BOLIVIA: DO GOVERNMENT TRANSFERS MATTER?](#)

LACEA-LAMES, Benemérita Universidad Autónoma de Puebla

Puebla, Mexico. Nov 7 - 9, 2019

## **SDG TRADE-OFFS AND DEMOCRATIC SUSTAINABLE DEVELOPMENT PATHS (Speech)**

<i>United Nations' High-level Political Forum on Sustainable Development</i>	New York, US. Jul 9- 18, 2019
<b>SCHOOLED, BUT UNEDUCATED. WHO IS BEING LEFT BEHIND IN LATIN-AMERICA AND THE CARIBBEAN</b>	
<i>CEPAL's Forum of the Countries of Latin America and the Caribbean on Sustainable Development</i>	Santiago, Chile. Apr 22 - 26, 2019
<b>THE ILLUSION OF EDUCATION: ARE THERE RETURNS TO SCHOOLING ON DEVELOPMENT GOALS?</b>	
<i>Congreso Anual de la Asociación Peruana de Economía</i>	Lima, Peru. August 8-9, 2019
<b>PRODUCCIÓN Y REPRODUCCIÓN DE DESIGUALDADES DE GENERO EN EL MERCADO DE TRABAJO</b>	
<i>Encuentro internacional por una economía equitativa desde la perspectiva de género</i>	Quito, Ecuador. Mar 28-29, 2018
<b>NON-EMPLOYMENT, UNEMPLOYMENT AND UNDEREMPLOYMENT AMONG THE YOUTH</b>	
<i>2017 PEP Annual Conference</i>	Nairobi, Kenya - June 8-14, 2017
<b>A RISK AND POVERTY VULNERABILITY ASSESSMENT USING CBMS DATA</b>	
<i>2016 PEP Annual Conference</i>	Makati, Manila, Philippines - June 6-10, 2016
<b>TOWARD A COMMUNITY-BASED MONITORING SYSTEM FOR BOLIVIA</b>	
<i>2014 PEP Annual Conference</i>	Santa Cruz, Bolivia - April 30 to May 8, 2014
<b>EVALUATING THE WELFARE EFFECTS OF SOCIAL PROTECTION POLICIES IN BOLIVIA</b>	
<i>LACEA 2015 Annual Meeting</i>	Santa Cruz, Bolivia Oct 15-17, 2015
<b>FROM INTERNATIONALLY COMPARABLE DATA TO IMMEDIATE AND RELEVANT DATA FOR ADDRESSING NATIONAL ISSUES(Speech)</b>	
<i>Cartagena Data Festival at Cartagena</i>	Colombia 20 - 22 April 2015, 2015
<b>UNDERSTANDING CHANGES IN SOCIAL COHESION IN BOLIVIA</b>	
<i>International Conference on Social Cohesion and Development</i>	Paris, France, January 20-21, 2011
<b>THE QUALITY OF LIFE OF URBAN NEIGHBORHOODS IN BOLIVIA</b>	
<i>LACEA 2008 Annual Meeting</i>	Rio de Janeiro, Brazil November, 20-23
<b>Are Teachers Well Paid in Latin-America and the Caribbean? Relative Wage and Structure of Returns of Teachers</b>	
<i>The 10th Annual Meeting of LACEA</i>	Paris, France, on October 27-29, 2005

## **OTHER SKILLS**

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**Software** Python, R, Stata, SPSS.

**Languages** English (proficient), Portuguese (proficient), Spanish (native).

**Hobbies** Kompa (proficient), Forró (proficient) Bachata (proficient), Kizomba (beginner).