

DAVID A. SÁNCHEZ – PÁEZ

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EDUCATION

PhD in Economics (2019). Universidad de Salamanca, Spain.

Thesis: “Topics on reproductive health: The effect of contraceptive use on fertility in low- and middle-income countries”.

Final grade: Cum Laude.

Master of Arts in Economics (2010). Georgetown University, United States / Universidad Alberto Hurtado, Chile.

Thesis: “Migration and inequality: The effect of remittances on the national income distribution of Ecuador”.

Final grade: Magna Cum Laude.

Economist (2006). Pontificia Universidad Católica del Ecuador, Ecuador.

Thesis: “GDP and education in Ecuador: The effect of the 1999 crisis on school enrollment”.

Final grade: 9/10.

ACADEMIC EXPERIENCE

Universidad de Valladolid, Spain

September 2023 – Present

Position: Assistant Professor.

Subjects: Introduction to Economics and Intermediate Microeconomics.

Università di Bologna, Italy

July 2023 – Present

Position: Scientific Collaborator.

Project: Population Dynamics under Global Climate Change – POPCLIMA. Objectives: 1) to study the way (direction and extent) in which climate change influences demographic outcomes; 2) to examine the differential impacts of climate change on subgroups of populations; 3) to identify the mechanisms through which climate change influences demographic outcomes; 4) to forecast future population dynamics under climate change. P.I.: Raya Muttarak. Funder: ERC-COG H2020.

May 2023 – June 2023

Position: Postdoctoral Fellow.

Project: Population Dynamics under Global Climate Change – POPCLIMA. Objectives: 1) to study the way (direction and extent) in which climate change influences demographic outcomes; 2) to examine the differential impacts of climate change on subgroups of populations; 3) to identify the mechanisms through which climate change influences demographic outcomes; 4) to forecast future population dynamics under climate change. P.I.: Raya Muttarak. Funder: ERC-COG H2020.

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Université catholique de Louvain, Belgium

May 2023 – Present

Position: Scientific Collaborator.

Projects: Male fertility around the world and over time. Objectives: to construct a world male fertility database. P.I.: Bruno Schoumaker. Funder: FRS-FNRS.

September 2019 – April 2023

Position: Postdoctoral Fellow.

Projects: Fertility Stalls in Sub-Saharan Africa. Objectives: to identify fertility stalls in sub-Saharan Africa at the national and subnational level; to understand the demographic dynamics of these fertility stalls; and, to identify the underlying causes of these fertility stalls. P.I.: Bruno Schoumaker. Funder: FRS-FNRS.

Rapid Mortality Mobile Phone Surveys. Objective: to assess the effect of selection bias on under-five mortality and fertility from information collected using mobile phone surveys. P.I.: Bruno Masquelier. Funder: Bill & Melinda Gates Foundation.

Universidad de Salamanca, Spain

September 2016 – July 2019

Position: PhD student.

Project: Reproductive Health and Fertility in Developing Countries. Objective: to analyze the effect on adolescent fertility in many countries in sub-Saharan Africa and Latin America, the pregnancy outcomes following contraceptive failure, and the geographic and socioeconomic patterns of pregnancies that did not end in live-birth. Supervisor: José Antonio Ortega.

Universidad de las Américas, Ecuador

March 2011 – May 2016

Position: Adjunct Professor.

Subjects: Microeconomics, Macroeconomics, Economic Policy, Game Theory.

Thesis supervised (undergraduate level):

1. Granja, A. (2016). Educación y fecundidad: análisis empírico del caso ecuatoriano en el periodo 2004 – 2014.
2. Masapanta, J. (2016). El impacto del Bono de Desarrollo Humano (BDH) en el trabajo infantil en Ecuador en el año 2012.
3. Verdugo, N. (2016). Movilidad social: escolaridad y matrimonio en Ecuador en el año 2014.

Universidad Internacional SEK, Ecuador

October 2009 – July 2012

Position: Adjunct Professor.

Subjects: Microeconomics, Macroeconomics, Econometrics, Game Theory.

Thesis supervised (undergraduate level):

1. Chamorro, D. (2012). Análisis de la elasticidad de los impuestos en el PIB y gasto público del Ecuador durante 1995 – 2010.
2. Pinos, V. (2012). Aplicación de la ley de Okun en el Ecuador para el periodo 1998 – 2011.

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3. Alarcón, M. (2011). Participación laboral femenina en el Ecuador, durante el ciclo económico 1995 – 2006.
4. Barbosa, E. (2011). Modelo econométrico aplicado a las determinantes de la violencia física en niñas, niños y adolescentes dentro de los hogares ecuatorianos.
5. Drouet, M. (2011). Determinantes del gasto de los hogares en la educación básica en el Ecuador.

Universidad de Los Lagos, Chile

March 2008 – December 2008

Position: Adjunct Professor.

Subjects: Macroeconomics, International Economics.

GRANTS AND PROJECTS

1. Project: Population Dynamics under Global Climate Change – POPCLIMA. Call: European Research Council call 2022 (ERC-Consolidator). P.I.: Raya Muttarak, Università di Bologna. Duration: 01/2022 – 12/2026. Funding: EUR 1.6 million. Role: Postdoctoral Researcher and Scientific Collaborator.
2. Project: Male fertility around the world and over time. Call: F.R.S.-FNRS credits and projects call 2022 (PDR). P.I.: Bruno Schoumaker, Université catholique de Louvain. Duration: 09/2023 – 08/2026. Funding: EUR 150,000. Role: Scientific Collaborator.
3. Project: HIV infection and fertility among adolescent girls in sub-Saharan Africa. Call: Mitacs – Wallonie-Bruxelles International call 2021. P.I.: David A. Sánchez Páez, Université catholique de Louvain. Duration: 03/2022 – 06/2022. Funding: CAD 6,000.
4. Project: Rapid Mortality Mobile Phone Surveys. Call: Bill & Melinda Gates Foundation 2020. P.I.: Bruno Masquelier, Université catholique de Louvain. Duration: 10/2020 – 10/2022. Funding: EUR 70,224. Role: Researcher.
5. Project: Fertility stalls in sub-Saharan Africa. Call: F.R.S.-FNRS credits and projects call 2018 (PDR). P.I.: Bruno Schoumaker, Université catholique de Louvain. Duration: 03/2019 – 02/2023. Funding: EUR 156,000. Role: Postdoctoral Researcher.
6. Project: The effect of contraceptive use at the time of pregnancy on spontaneous and induced abortion. Call: Mobility Grants – USAL 2019. P.I.: David A. Sánchez Páez, Universidad de Salamanca. Duration: 01/2019. Funding: USD 400.
7. Project: Patterns of pregnancy termination according to contraceptive use. Call: Mobility Grants – USAL 2018. P.I.: David A. Sánchez Páez, Universidad de Salamanca. Duration: 01/2019. Funding: USD 350.
8. Project: Adolescent contraceptive use and its effects on early marriage and fertility. Call: Mobility Grants – USAL 2017. P.I.: David A. Sánchez Páez, Universidad de Salamanca. Duration: 01/2019. Funding: USD 500.
9. Project: Dos miradas a Ecuador: el gasto de los hogares en educación y determinantes de la violencia contra niñez y adolescencia. Call: Convocatoria para proyectos de investigación UISEK 2010. P.I.: David A. Sánchez Páez and Miguel Muriel, Universidad Internacional SEK. Duration: 10/2010 – 07/2011. Funding: USD 13,650.

TRAININGS

1. “Subnational Probabilistic Population Projections”. University of Washington, 2021.
2. “Data Visualization- the art/skill cocktail”. Max Planck Institute, 2021.

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3. “Topics in Digital and Computational Demography”. Max Planck Institute. 2020.
4. “Demographic Analysis”. UCLouvain, 2020.
5. “Population Analysis for Policies & Programmes (PAPP)”. United Nations, 2017.

RECOGNITIONS AND AWARDS

1. Certification of “Profesor Contratado Doctor”. ANECA, Spain, 2022.
2. Certification of “Profesor de Universidad Privada”. ANECA, Spain, 2022.
3. Mitacs Globalink Research Award. Mitacs, Canada, 2021.
4. Certification of “Profesor Ayudante Doctor”. ANECA, Spain, 2021.
5. Best poster award. “Effect of income inequality on COVID-19 pandemic: Evidence from European countries”. Wittgenstein Centre Conference, Austria, 2020.
6. Cum Laude to PhD thesis. Universidad de Salamanca, Spain, 2019.
7. Magna Cum Laude to Master’s thesis. Georgetown University, United States, 2010.
8. Excellence Scholarship for Master students. Georgetown University. 2007-2009.
9. Best student scholarship. Pontificia Universidad Católica del Ecuador, 2003.

LANGUAGES AND COMPUTER SKILLS

Languages: Spanish (native speaker), English (C1), French (B2), German (B2).

IT knowledge: R, Stata, SPSS, Microsoft Office.

PUBLICATIONS

Peer-reviewed journals:

1. Schoumaker, B. and Sánchez-Páez, D.A. (2024). Disruptions in educational progress and fertility dynamics by educational level: Unraveling the link between education and fertility stalls in sub-Saharan Africa. *Population and Development Review* 00(0): 1–27. doi: [10.1111/padr.12610](https://doi.org/10.1111/padr.12610)
2. Sánchez-Páez, D.A., Masquelier, B., Menashe-Oren, A., Baruwa, J. and Reniers, G. (2023). Measuring under-five mortality and fertility through mobile phone surveys: an assessment of selection bias in 34 low- and middle-income countries. *BMJ Open* 13(11): e071791. doi: [10.1136/bmjopen-2023-071791](https://doi.org/10.1136/bmjopen-2023-071791)
3. Menashe-Oren, A. and Sánchez-Páez, D.A. (2023). Male fertility and internal migration in rural and urban sub-Saharan Africa. *European Journal of Population* 39(10): 1–40. doi: [10.1007/s10680-023-09659-2](https://doi.org/10.1007/s10680-023-09659-2)
4. Schoumaker, B. and Sánchez-Páez, D.A. (2022). Under-15 fertility around the world. *Population & Societies* 601(6): 1–4. doi: [10.3917/popsoc.601.0001](https://doi.org/10.3917/popsoc.601.0001)
5. Sánchez-Páez, D.A. (2022). Effects of income inequality on COVID-19 infections and deaths during the first wave of the pandemic: Evidence from European countries. *Vienna Yearbook of Population Research* 20: 1–22. doi: [10.1553/populationyearbook2022.res1.1](https://doi.org/10.1553/populationyearbook2022.res1.1)
6. Sánchez-Páez, D.A. and Ortega, J.A. (2021). Has contraceptive use at pregnancy an effect on the odds of spontaneous termination and induced abortion? Evidence from DHS surveys. *Demographic Research* 44(37): 879–898. doi: [10.4054/DemRes.2021.44.37](https://doi.org/10.4054/DemRes.2021.44.37)
7. Sánchez-Páez, D.A. and Ortega, J.A. (2019). Reported patterns of pregnancy termination from Demographic and Health Surveys. *PLoS ONE* 14(8): e0221178. doi: [10.1371/journal.pone.0221178](https://doi.org/10.1371/journal.pone.0221178)

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8. Sánchez-Páez, D.A. and Ortega, J.A. (2018). Adolescent contraceptive use and its effects on fertility. *Demographic Research* 38(45): 1359–1388. doi: [10.4054/DemRes.2018.38.45](https://doi.org/10.4054/DemRes.2018.38.45)
9. Sánchez-Páez, D.A. and Barbosa, E. (2018). Violencia doméstica contra la niñez y la adolescencia en Ecuador. *Revista Valor Agregado* 9(1): 9–30. URL: valagr/9_1
10. Verdugo Morales, N., Sánchez-Páez, D.A., and Meneses, K. (2017). Movilidad social: escolaridad y matrimonio en Ecuador, 2014. *Revista Valor Agregado* 8(2): 11–40. URL: valagr/8_2_1
11. Granja Armendaris, A., Sánchez-Páez, D.A., and Meneses, K. (2017). Educación y fecundidad: análisis empírico del caso ecuatoriano 2004 – 2014. *Revista Valor Agregado* 8(2): 95–128. URL: valagr/8_2_3
12. Masapanta, J., Sánchez-Páez, D.A., and Meneses, K. (2017). El impacto del Bono de Desarrollo Humano (BDH) en el trabajo infantil: Ecuador, 2012. *Revista Valor Agregado* 8(2): 161–200. URL: valagr/8_2_5
13. Sánchez-Páez, D.A. (2015). La tendencia del abandono escolar en Ecuador: periodo 1994 – 2014. *Revista Valor Agregado* 3(1): 37–66. URL: valagr/3_1

Peer-reviewed books and chapters:

1. Sánchez-Páez, D.A. and Schoumaker, B. (2022). Fertility Transition in Africa: What do we know and what have we learned about Fertility Stalls? In C. Odimegwu and Y. Adewoyin (Eds.), *The Routledge Handbook of African Demography* (pp. 216–251). London: Routledge. doi: [10.4324/9780429287213-15](https://doi.org/10.4324/9780429287213-15)

Manuscripts undergoing peer review:

1. Sánchez-Páez, D.A. and Schoumaker, B. *Trends in wanted fertility and fertility stalls in sub-Saharan Africa. Evidence from seven countries.*
2. Sánchez-Páez, D.A. and Schoumaker, B. *Fertility transition in sub-Saharan African capital cities: Where do they stand and what has contributed most to the transition?*

Working papers:

1. Sánchez-Páez, D.A. and Schoumaker, B. (2020). *What do we know about fertility stalls in Africa? A literature review.* Louvain-la-Neuve: UCLouvain. URL: wp16-2020.

Work in progress:

1. Sánchez-Páez, D.A., Chae, S. and Schoumaker, B. *HIV and fertility in sub-Saharan Africa: are adolescents different?* Department of Demography, University of Montreal.
2. Sánchez-Páez, D.A., Chae, S. and Schoumaker, B. *Socioeconomic differences between adolescent girls in sub-Saharan Africa leading to HIV infection and childbearing.* Department of Demography, University of Montreal.
3. Sánchez-Páez, D.A. and Schoumaker, B. *Fertility trends in sub-Saharan Africa: Has HIV contributed to fertility stalls?* Centre for Demographic Research, UCLouvain.
4. Sánchez-Páez, D.A. and Schoumaker, B. *The role of proximate determinants on fertility stalls in capital cities of sub-Saharan Africa.* Centre for Demographic Research, UCLouvain.
5. Schoumaker, B. and Sánchez-Páez, D.A. *Identifying fertility stalls by place of residence in sub-Saharan Africa.* Centre for Demographic Research, UCLouvain.
6. Sánchez-Páez, D.A. and Ortega, J.A. *¿Spontaneous or induced abortion? A methodology to classify abortion from DHS calendar data.* Department of Economics, Universidad de Salamanca.

7. Sánchez-Páez, D.A. and Ortega, J.A. *Contraceptive use and postponement of first births in developing countries*. Department of Economics, Universidad de Salamanca.

Non-academic publications:

1. Sánchez-Páez, D.A. et. al. (2009-2012). *Social Investment from No. 26 to No. 33: National budget expenditure*. Quito: UNICEF, Ministry of Finances and Ministry of Social Development. URL: <https://www.finanzas.gob.ec/wp-content/uploads/downloads/2013/02/boletin-33completo03-08-2012.pdf>. (8 issues).
2. Sánchez-Páez, D.A. et. al. (2011). *National budget allocation and expenditure for indigenous education*. Quito: UNICEF and Ministry of Culture.
3. Sánchez-Páez, D.A. et. al. (2011). *Social Investment in the 2011 National Budget Allocation*. Quito: UNICEF and the National Congress of Ecuador. URL: <https://www.unicef.org/ecuador/2011.pdf>
4. Sánchez-Páez, D.A. et. al. (2010). *Social investment expenditure in the territory: 2008-2009*. Quito: UNICEF, Ministry of Finances and Ministry of Social Development. URL: <https://www.unicef.org/ecuador/2008-2009.pdf>
5. Sánchez-Páez, D.A. et. al. (2010). *Social Investment in the 2010 National Budget Allocation*. Quito: UNICEF and the National Congress of Ecuador. URL: https://www.unicef.org/ecuador/2010_-_3.pdf

Conference presentations:

1. Schoumaker, B. and Sánchez-Páez, D.A. (2024). *paper A World Male Fertility Database: Rationales, Objectives, and First Results*. PAA Annual Meeting, USA, April 17 – 20.
2. Schoumaker, B. and Sánchez-Páez, D.A. (2023). *Have fertility stalls among the most educated women contributed to non-declining fertility in sub-Saharan Africa?* PAA Annual Meeting, USA, April 12 – 15.
3. Sánchez-Páez, D.A., Masquelier, B., Menashe-Oren, A., Baruwa, J. and Reniers, G. (2023). *Measuring under-five mortality and fertility through mobile phone surveys: an assessment of selection bias in 34 low- and middle-income countries*. PAA Annual Meeting, USA, April 12 – 15.
4. Sánchez-Páez, D.A., Chae, S. and Schoumaker, B. (2023). *HIV and fertility in sub-Saharan Africa: are adolescents different?* PAA Annual Meeting, USA, April 12 – 15.
5. Sánchez-Páez, D.A. and Schoumaker, B. (2022). *Marital status and fertility among adolescents under 15 years of age*. International Conference on Family Planning (ICFP), Thailand, November 14 – 17.
6. Sánchez-Páez, D.A. and Schoumaker, B. (2022). *Fertility stalls are to a large extent wanted stalls. An analysis in countries with strong evidence of fertility stalls*. British Society for Population Studies (BSPS) Conference, England, September 5 – 7.
7. Sánchez-Páez, D.A. and Schoumaker, B. (2022). *Have fertility stalls among the most educated women contributed to non-declining fertility in sub-Saharan Africa?* European Population Conference (EPC), The Netherlands, June 29 – July 2.
8. Sánchez-Páez, D.A. and Schoumaker, B. (2022). *Do fertility preferences contribute to explaining fertility stalls in sub-Saharan Africa? Analysis in countries with strong evidence of fertility stalls*. PAA Annual Meeting, USA, April 6 – 9.
9. Sánchez-Páez, D.A. and Schoumaker, B. (2022). *Fertility transition of sub-Saharan African capital cities: Where do they stand and what has contributed most to the transition?* PAA Annual Meeting, USA, April 6 – 9.

10. Menashe-Oren, A. and Sánchez-Páez, D.A. (2022). *Internal migration and male fertility in rural and urban sub-Saharan Africa*. PAA Annual Meeting, USA, April 6 – 9.
11. Sánchez-Páez, D.A. and Schoumaker, B. (2022). *Fertility Stalls in sub-Saharan Africa: Where, Who, Why?* 13th Conference of Young Demographers, Czech Republic, February 1 – 4.
12. Sánchez-Páez, D.A. and Schoumaker, B. (2021). *Fertility Trends in Sub-Saharan Africa: Has HIV Contributed to Fertility Stalls?* International Population Conference (IPC), India, December 5 – 10.
13. Sánchez-Páez, D.A. and Schoumaker, B. (2021). *Do fertility preferences contribute to explaining fertility stalls in sub-Saharan Africa? Evidence from 6 countries*. International Population Conference (IPC), India, December 5 – 10.
14. Schoumaker, B. and Sánchez-Páez, D.A. (2021). *Fertility Stalls in Urban Africa: Where, Who, Why?* International Population Conference (IPC), India, December 5 – 10.
15. Sánchez-Páez, D.A. and Schoumaker, B. (2021). *Fertility Trends in Sub-Saharan Africa: Has HIV Contributed to Fertility Stalls?* PAA Annual Meeting, USA, May 5 – 8.
16. Sánchez-Páez, D.A. and Schoumaker, B. (2021). *Linking Fertility Preferences and Unintended Birth Outcomes to Fertility Stalls in Sub-Saharan Africa*. PAA Annual Meeting, USA, May 5 – 8.
17. Sánchez-Páez, D.A. (2021). *Effect of Income Inequality on the COVID-19 Pandemic: Evidence from European Countries*. PAA Annual Meeting, USA, May 5 – 8.
18. Sánchez-Páez, D.A. (2020). *Effect of income inequality on COVID-19 pandemic: Evidence from European countries*. Wittgenstein Centre Conference, Austria, November 30 – December 1, 2020.
19. Sánchez-Páez, D.A. and Schoumaker, B. (2020). *Linking Fertility Preferences and Unintended Birth Outcomes to Fertility Stalls in Kenya, Namibia, and Zimbabwe*. European Population Conference (EPC), Italy (cancelled), June 24 – 27.
20. Ortega, J.A. and Sánchez-Páez, D.A. (2020). *The Proximate Determinants of Fertility: An Estimation Approach*. European Population Conference (EPC), Italy (cancelled), June 24 – 27.
21. Sánchez-Páez, D.A. and Schoumaker, B. (2020). *The role of the proximate determinants and ideal family size on fertility stalls in capital cities of sub-Saharan Africa*. PAA Annual Meeting, USA, April 22 – 23, 2020.
22. Schoumaker, B. and Sánchez-Páez, D.A. (2020). *Identifying fertility stalls by place of residence in sub-Saharan Africa*. PAA Annual Meeting, USA, April 22 – 23.
23. Ortega, J.A. and Sánchez-Páez, D.A. (2019). *¿Spontaneous or induced abortion? A methodology to classify abortion from DHS calendar data*. XII Congreso de la Asociación de Demografía Histórica – ADEH, Portugal, September 4 – 7.
24. Sánchez-Páez, D.A. and Ortega, J.A. (2019). *Global patterns of pregnancy termination and contraceptive failure based on DHS surveys*, I Global Studies International Week, Spain, April 1 – 5.
25. Sánchez-Páez, D.A. and Ortega, J.A. (2019). *The effect of contraceptive use at the time of pregnancy on spontaneous and induced abortion*. 13th edition of the Giornate di Studio sulla Popolazione ‘Population days’, Italy, January 24 – 26.
26. Sánchez-Páez, D.A. and Ortega, J.A. (2018). *Patterns of pregnancy termination according to contraceptive use*. European Population Conference (EPC), Belgium, June 6 – 9.
27. Sánchez-Páez, D.A. (2018). *Contraceptive use and its effects on fertility reduction*. Second Meeting of Research on Demography, Spain, April 5 – 6.

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28. Sánchez-Páez, D.A. and Ortega, J.A. (2017). *Adolescent contraceptive use and its effects on early marriage and fertility*. International Population Conference (IPC), South Africa, October 29 – November 04.
29. Sánchez-Páez, D.A. and Ministry of Education of Ecuador (2013). *Educational achievements in Ecuador since 2007*. UNICEF Latin American Conference on Childhood and Youth, Colombia, June 24 – 28.
30. Sánchez-Páez, D.A. and UNICEF (2010). *Methodology to estimate the Government's social investment in Municipalities*. Social Development Agenda, Ecuador, June – December.

MEDIA COVERAGE

1. La fertilidad de las africanas en las urbes, en el punto de mira (2022). Diario “El País”. url: [elpais_fertilidad](#)
2. ¿Cómo será la población mundial? Menos niños y más ancianos en el planeta de los 10.000 millones de personas (2023). Preguntas para una década. RTVE. url: [rtve_poblacion](#)
3. Cities no longer lead fertility decline in sub-Saharan Africa (2021). Population Reference Bureau (PRB). url: [prb/capitals](#)

REVIEWER EXPERIENCE

BMC Public Health, 2018 – 2023.
Clinical and Experimental Obstetrics & Gynecology, 2020.
PLOS One, 2020 – 2021.
Quetelet Journal, 2020 – 2023.
Review of Development Economics, 2021.
Journal of Social Bioscience, 2022.
Population Research and Policy Review, 2022.
BMC Women's Health, 2022.
Population Studies, 2023.
Social Sciences & Humanities Open, 2023.
Reproductive Health, 2024.
Contraception and Reproductive Medicine, 2024.

NON-ACADEMIC EMPLOYMENT

Secretariat of Education, Municipality of Quito, Ecuador

June 2014 – September 2015

Position: Metropolitan Director of Policy and Planning for Education.

Ministry of Education, Ecuador

April 2012 – April 2014

Positions: Undersecretary of Planning (July 2013 – April 2014).

National Director of Planning (April 2012 – June 2013).

United Nations Children Fund (UNICEF), Ecuador

July 2009 – March 2012

Position: Social Policy consultant.

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Ministry of Social Development, Ecuador

December 2008 – July 2009

Position: Education Specialist.

Consultant (Hexagon Co., Soluciones Integrales, Independent)

October 2004 – Present

1. International Labor Organization (ILO, Switzerland).
2. General Secretariat of the Presidency of the Republic of Chile – Social Observatory of the Alberto Hurtado University (Chile).
3. Nacional Board of Kindergartens (JUNJI, Chile).
4. InterAmerican Development Bank (IDB, Chile/Paraguay and Ecuador).
5. Andean Community of Nations (CAN, Ecuador).
6. Social Protection Program (Ecuador).
7. Regional Program for Andean Forest Ecosystems (European Union, Ecuador).
8. Metropolitan Secretariat of Health, Municipality of Quito (Ecuador).
9. European Union (Ecuador).
10. University Andina Simón Bolívar and Rural Poverty Reduction Program (FIDA, Ecuador).

REFERENCES

Bruno SCHOU MAKER, *Full Professor*, Université catholique de Louvain. Belgium. Email: bruno.schoumaker@uclouvain.be.

José Antonio ORTEGA, *Associate Professor*. Universidad de Salamanca. Spain. Email: jaortega@usal.es.

Sophia CHAE, *Assistant Professor*, University of Montreal. Canada. Email: sophia.chae@umontreal.ca.