

CURRICULUM VITAE

FLORIAN TOBIAS

WENDELSPIESS CHÁVEZ JUÁREZ

**Professional Address**

Centro de Investigación y Docencia Económicas (CIDE)  
Laboratorio Nacional de Políticas Públicas  
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PERSONAL INFORMATION

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e-Mail: [florian@chavezjuarez.com](mailto:florian@chavezjuarez.com)  
Website: [econ.chavezjuarez.com](http://econ.chavezjuarez.com)  
Birth date: 29.09.1984  
Place of birth: Basel, Switzerland  
Place of origin: Zurich, Switzerland  
Nationality: Swiss citizen  
Marital status: Married to Mayra Chávez Juárez (Mexican and Swiss citizen)

AFFILIATION

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- [National Laboratory for Public Policy \(LNPP\)](#), assistant professor
- [Centro de Investigación e inteligencia económica \(UIIE\)](#), affiliated researcher

EDUCATION

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Ph.D in Econometrics, University of Geneva 2011-2014

Thesis title: Three essays on inequality of opportunity and social mobility  
Thesis committee: Jaya Krishnakumar, Tobias Müller, Marcelo Olarreaga,  
Dirk Van de gaer

M.Sc. in Economics, University of Lausanne, 2008-2010

including an academic exchange semester, University of Geneva, Switzerland, 2009-2010

B.Sc. in Economics, University of Lausanne, 2004-2007

including an academic exchange year, University de las Américas Puebla, Mexico, 2006-2007

High School degree in Mathematics and Physics, Gymnasium Oberwil, Switzerland, 2000-2003

FIELDS OF INTEREST IN ECONOMICS

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Development economics (especially inequality and poverty), human development, behavioural economics, agent based modelling techniques, complexity economics, happiness approach

## LANGUAGES

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German/Swiss German	mother tongue
French	fluent
Spanish	fluent
English	fluent

## RELEVANT WORK EXPERIENCE

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**National laboratory for Public Policy at CIDE** **May 2016 to present**  
Assistant professor (Cátedra Conacyt) at the National Laboratory for Public Policy (LNPP) and Centro de Investigación y Docencia Económicas (CIDE), Mexico City. Head of the *Simulation Unit* since June 2017.

**Centro de Investigación y Docencia Económicas (CIDE)** **May 2015 to May 2016**  
Visiting professor at the economics division. Courses: microeconometrics at the undergraduate and the Master level, health economics (open to all levels).

**Department of Economics, University of Geneva** **Sept. 2011 to April 2015**  
Full time teaching assistant for several courses at the Bachelor and mainly at the Master level (e.g. Human Development, Health Economics, Applied Economics Workshop, Program and Policy evaluation and Mathematics). Department of Economics, University of Geneva.

**Laboratory of Applied Economics, University of Geneva** **Feb. 2011 to Aug. 2011**  
Researcher at the Swiss Leading House in Economics of Education. Institute of applied economics (ILEA), University of Geneva. Part time (70%), fixed term.

**Department of Economics, University of Geneva** **Sept. 2010 to Jan. 2011**  
Full time teaching assistant for the courses *Human development, poverty and inequality* and *Mathematics* at the econometrics and statistics department of the University of Geneva. Fixed term contract.

**United Nations Development Programme (UNDP)** **Oct. 2007 to Dec. 2008**  
Full time research assistant for the Regional Human Development Report for LAC 2009. Econometric background research for the project coordinator, Prof. Isidro Soloaga. From October 2007 to August 2008 as full time employee, since then as part time collaborator.

## PUBLICATIONS

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### PEER-REFEREED JOURNALS

The effect of cash transfer programs on educational mobility. PLoS ONE 13(10): e0205957, <https://doi.org/10.1371/journal.pone.0205957>, 2018.

How do governments determine policy priorities? Studying development strategies through spillover networks. Together with Gonzalo Castañeda and Omar Guerrero. *Journal of Economic Behavior and Organization*, Volume 154, pp. 335-361, DOI: 10.1016/j.jebo.2018.07.017

Which inequality makes people dissatisfied with their lives? Evidence of the link between life satisfaction and inequalities. Together with Laura Ravazzini. *Social Indicator Research*, Volume 137, Issue 3, pp 1119-1143, June 2018, DOI: 10.1007/s11205-017-1623-3

On the Role of Agent-based Modeling in the Theory of Development Economics. *Review of*

*Development Economics* 21(3), pp. 713-730, 2017. DOI: 10.1111/rode.12264.

**Estimating Capabilities with Structural Equation Models: How Well are We Doing in a 'Real' World?** *Social Indicators Research*, 129(2), pp 717-737, 2016. DOI:10.1007/s11205-015-1148-6. Together with Jaya Krishnakumar.

**Measuring Inequality of Opportunity with Latent Variables.** *Journal of Human Development and Capabilities* 16(1), pp. 106-121, 2015.

**Intergenerational Transmission of Education: The Relative Importance of Transmission Channels.** *Latin American Economic Review* 24(1), January 2015. DOI: 10.1007/s40503-014-0015-1.

**iop: Estimating ex-ante inequality of opportunity.** *Stata Journal*, 14(4), pp. 830-846, 2014. Together with Isidro Soloaga.

**Birthweight Outcomes in Bolivia: The Role of Maternal Height, Ethnicity, and Behavior.** *Economics and Human Biology* 11(1), 2013, pp. 56-68. Together with Marcelo Delajara.

## CHAPTERS IN BOOKS

*Professional baccalaureate as inequality reducing measure?* Together with Jean-Marc Falter. In: Scharenberg, Katja, Sandra Hupka-Brunner, Thomas Meyer and Manfred Max Bergman (eds.) *Transitions in Youth and Young Adulthood Results from the Swiss TREE Panel Study*. Volume 2. Seismo Verlag, Zürich, 2016.

**iop - Estimar desigualdad de oportunidades cuando el indicador es binario.** Together with Isidro Soloaga. In: **Aplicaciones en Economía y Ciencias Sociales con Stata**, Chapter 1. Edited by Alfonso Mendoza. Stata Press. 2013.

*Determinantes de la migración interestatal en México: 1995-2000 y 2000-2005* Together with Isidro Soloaga and Gabriel Lara. In: *Mexico 2010 - XI Economía Rural*, edited by Nora Lustig, Alejandro Castaneda and Antonio Yunez-Naude. Published by El Colegio de México. 2010.

*Desigualdad de Oportunidades: aplicaciones al caso de México.* Together with Isidro Soloaga. In: *Movilidad Social en México: Población, desarrollo y crecimiento*, edited by Julio Serrano Espinosa and Florencia Torche. Centro de Estudios Espinosa Yglesias. Mexico City. 2010.

## WORK IN PROGRESS

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*The Contribution of Adverse Childhood Experiences to Inequality of Opportunity* Together with Guillermo Montes, Jill S. Halterman and Anne Marie Conn. Submitted

*Validity of capability estimates obtained through structural equation modelling in a multidimensional setting - an agent-based simulation exercise.* Together with Jaya Krishnakumar. Available at [SSRN](#) . First draft.

*The Credit Behaviour of Households - A Behavioural Approach.* Available at [SSRN](#) . Revising.

*The Incidence of Culture, Governance and Economics on the Countries' Development through an Analysis of Coupled Networks.* Together with Gonzalo Castañeda. First draft.

## OLDER WORKING PAPERS

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*Scale vs. translation invariant measures of inequality of opportunity when the outcome is binary.* With Isidro Soloaga. Available at [SSRN](#)

*Can gender traits explain job aspiration segregation?.* Together with Jean-Marc Falter. Swiss Leading House in Economics of Education. Institute of applied economics (ILEA), University

of Geneva. Available at [SSRN](#) .

*Does Tracking Shape Intergenerational Transmission of Educational Attainment? Evidence from Switzerland.* Together with Jean-Marc Falter. Swiss Leading House in Economics of Education. Institute of applied economics (ILEA), University of Geneva. 2011. Available at [SSRN](#)

*The impact of Oportunidades on Inequality of Opportunity in rural and urban areas in Mexico.* Master thesis. University of Lausanne. English. 2010

*Poverty lines in Latin America* University of Geneva, Switzerland. Literature survey. English. 2010

*Distributional Aspects in Human Development* University of Geneva, Switzerland. Literature survey. English. 2010.

*Do children in private schools learn more than in public schools? Evidence from Mexico* University of Geneva, Switzerland. English. 2010

*Different divisions of Mexican Economy - different responses to NAFTA?* University of Geneva, Switzerland. English. 2009.

*Determinants of internal migration in Mexico at an aggregated and a disaggregated level* University of Geneva, Switzerland. English. 2009

## CONFERENCES & SEMINARS

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2018 HDCA 2018 Conference, August 30 to September 1, 2018, Buenos Aires, Argentina.  
*CapMod: an artificial society to validate empirical approaches to estimate capabilities*

35èmes Journées de Microéconomie Appliquée, June 7-8, 2018, Bordeaux, France.  
*Household financial portfolios in an emerging economy - the case of Chile*

Seminar of the *CIIE-UPAEP* in Puebla, Mexico, February 16, 2018. Presented paper: *The effect on Social Mobility, Economic Growth and Inequality when switching to a universal social security system in Mexico.*

2017 Social Simulation Conference 2017, Dublin, Ireland, September 25-29, 2017. *The effect on Social Mobility, Economic Growth and Inequality when switching to a universal social security system in Mexico.*

6th World Congress of the International Microsimulation Association, Turin, Italy, June 21-23, 2017. *Social Mobility, Economic Growth and Socioeconomic Inequality in an Economy without Informality and with Social Protection*

66th Annual Congress of the French Economic Association (AFSE), Nice, France, June 19-21, 2017. *Social Mobility, Economic Growth and Socioeconomic Inequality in an Economy without Informality and with Social Protection*

1er Congreso de Economía Aplicada CIIE-UPAEP, Puebla, Mexico, June 8, 2017. Invited speaker, plenary session. Topic: *Economía aplicada: modelos de simulación basados en agentes*

Conference *Sobre México 2017*, Universidad Iberoamericana, Mexico City, April 27-28, 2017. Presented paper: *Social Mobility, Economic Growth and Socioeconomic Inequality in an Economy without Informality and with Social Protection*

- Seminar of the *CIIE-UPAEP* in Puebla, Mexico, April 31, 2017. Presented paper: *Which inequality makes people dissatisfied with their lives? Evidence of the link between life satisfaction and inequalities*
- 2016 2016 Behavioural Finance Working Group Conference. Queen Mary University of London, UK. June 13 and 14, 2016. Presented paper: *The credit behaviour of households - a behavioural approach*
- 2015 20th annual meeting of the Latin American and Caribbean Economic Association (LACEA). Universidad Privada de Santa Cruz, Bolivia. October 15 to 17, 2015. Presented paper: *Estimating Capabilities with Structural Equation Models: How Well are We Doing in a 'Real' World?*
- Sixth meeting of the Society for the Study of Economic Inequality (ECINEQ). Université du Luxembourg, Luxembourg, July 13-15, 2015. Presented paper: *Which Inequality Makes People Dissatisfied with Their Lives? Evidence of the Link between Life Satisfaction and Inequalities* and *The credit behavior of households - a behavioral approach*
- 2015 International Meeting on Experimental and Behavioral Social Sciences. Toulouse, France. Presented paper: *The credit behavior of households - a behavioral approach*
- 2014 19th annual meeting of the Latin American and Caribbean Economic Association (LACEA). USP, São Paulo, Brazil. Presented paper: *The credit behavior of households - a behavioral approach*
- The Evolution of Economic and Social Inequalities in Switzerland (and Beyond): Exactly How and Why Inequality has Changed and with what Impacts. University of Neuchâtel, Switzerland. Presented project: *From multidimensional poverty to happiness deprivation*
- 5th GREThA International Conference on Economic Development. Université Montesquieu - Bordeaux IV, France. Presented paper: *The credit behavior of households - a behavioral approach*
- First conference *Sobre México*. Universidad Iberoamericana, Mexico City.
- 2013 18th annual meeting of the Latin American and Caribbean Economic Association (LACEA). El Colegio de México, Mexico City. October 31 to November 2, 2013.
- 2013 Meeting of LACEA/IADB/WB/UNPD Network on Inequality and Poverty. Universidad Iberoamericana, Ciudad de México. October 30, 2013.
- IARIW-IBGE Conference on Income, Wealth and Well-Being in Latin America., Rio de Janeiro, Brazil, September 11-14, 2013. Presented papers: *Measuring Inequality of Opportunity with Latent Variables* and *Scale vs. translation invariant measures of inequality of opportunity when the outcome is binary*
- Fifth meeting of the Society for the Study of Economic Inequality (ECINEQ), University of Bari, Italy, July 22-24, 2013. Presented paper: *The Effect of Social Assistance Programs on Educational Mobility - An Agent Based Approach*

- 12th Journées Louis-André Gérard-Varet, Conference in Public Economics, Aix-en-Provence, France. June 26-28, 2013. Presented paper: *Educational mobility - an agent based approach*
- 62nd Annual Meeting of the French Economic Association, Aix-en-Provence, France. June 24-26, 2013. Presented paper: *Educational mobility - an agent based approach*
- INFER Annual Conference 2013, Orléans, France. May 29 to June 1, 2013. Presented papers: *Educational mobility - an agent based approach* and *Measuring Inequality of Opportunity with Latent Variables*
- 2012 Seminario del departamento de economía. Universidad Iberoamericana, Ciudad de México. October 18th, 2012. Presented papers: *Intergenerational transmission of education - uncovering the mechanisms behind high intergenerational correlations* and *Educational mobility - an agent based modeling approach*
- 1st Conference of the Economic Development Network. Instituto Politécnico Nacional, Mexico City. October 15 and 16, 2012. Presented paper: *Educational mobility - an agent based modeling approach*
- World Bank Conference on Equity: Inequality of What? Outcomes, Opportunities and Fairness. The World Bank Headquarters, Washington DC, USA. June 27<sup>th</sup> and 28<sup>th</sup>, 2012. Presented paper: *Intergenerational transmission of education - uncovering the mechanisms behind high intergenerational correlations*
- 4th Economic development international conference of GREThA/GRES: Inequalities and Development : new challenges, new measurements? University of Bordeaux IV. June 13<sup>th</sup>-15<sup>th</sup>, 2012. Presented paper: *Intergenerational transmission of education - uncovering the mechanisms behind high intergenerational correlations*
- IV Latin American and Caribbean Conference on Human Development and the Human Capabilities Approach. Universidad Lomas de Zamorra, Buenos Aires, Argentina. Mai 2012. Presented paper: *Intergenerational transmission of education - uncovering the mechanisms behind high intergenerational correlations*
- 2011 *Séminaire Jeunes Chercheurs*, University of Geneva, Switzerland. November 7<sup>th</sup>, 2011. Presented paper: *Intergenerational transmission of education - uncovering the mechanisms behind high intergenerational correlations*
- 2010 III Latin American and Caribbean Conference on Human Development and the Human Capabilities Approach. Pontífica Universidade Católica do Rio Grande do Sul, Porto Alegre, Brazil. November, 11<sup>th</sup> and 12<sup>th</sup>. Presented paper: *The impact of Oportunidades on Inequality of Opportunity in rural and urban areas in Mexico*, together with Jaya Krishnakumar.

2008 México 2010. El Colegio de México, Mexico City. Presented paper: *Determinantes de la migración interestatal en México: 1995-2000 y 2000-2005*, together with Isidro Soloaga and Gabriel Lara.

Encuentro de Economía sobre México 2008. Universidad Popular Autónoma del Estado de Puebla and Universidad Iberoamericana Puebla. Presented paper: *Determinantes de la migración interestatal en México: 1995-2000 y 2000-2005*, together with Isidro Soloaga and Gabriel Lara.

Research Conference Intra- and Inter-generational transmission of inequality, Organized by Mexican Chapter- Network of Inequality and Poverty- LACEA, and Regional Bureau-LAC-UNDP. El Colegio de Mexico, Mexico City. *Member of the organization team.*

## TEACHING

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### Courses

- Microeconometrics (undergraduate): 2015
- Microeconometrics (master degree): 2015, 2016, 2017
- Topics in Health Economic (undergraduate, master and PhD level): 2016 ,2017
- Introduction to programming and agent-based modelling (undergraduate, master and PhD level): 2017, 2018

### Thesis supervision

- Paola Vela De la Garza Evia (Master in Economics, 2016)
- Juan Javier Santos Ochoa (Master in Economics, 2016)
- Alexandra Hernandez Nakakawa (Undergraduate in Economics, 2016)
- Leonel Carrasco Baltazar (Master in Economics, 2017)
- Octavio Vilchis Pichardo (Master in Economics, 2017)
- Luis Fabian Bonilla Yarzabal (Master in Administration and Public Policy, 2018)
- Alejandro Blasco Almeida (Master in Economics, 2018)

### Continuing education for professionals

- Programming in Java for Social Science, 24 hours, 2017
- Introduction to Statistics using Stata, 21 hours, 2017
- Agent-based modelling, 24 hours, 2017
- Introduction to Stata, 24 hours, 2018

## RELATED MEMBERSHIPS

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- Human Development and Capability Association (HDCA)
- Society for the Study of Economic Inequality (ECINEQ)
- Latin American and Caribbean Economic Association (LACEA)
- Network of Swiss Economists Abroad
- European Social Simulation Association (ESSA)
- International Microsimulation Association (IMA)
- International Health Economics Association (iHEA)
- Fellow at the Mexican National System of Researchers (SNI), level C (1 of 4).

## REFeree

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Referee for (alphabetically): *Economía: teoría y práctica*; *Education Economics*; *El Trimestre Económico*; *Innovar Journal*; *International Economics*; *Journal of Economic Inequality*; *Journal of Happiness Studies*(5); *Journal of Human Development and Capabilities* (3); *Kyklos*; *Latin*

*American Economic Review (2); Noésis; Oxford Development Studies; Quality & Quantity; Stata Journal; The Social Science Journal*

## EDITOR

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Editor of working paper series *Sobre México. Temas en Economía*, 2015-2016.

## RELEVANT COMPUTER KNOWLEDGE

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Software:            L<sup>A</sup>T<sub>E</sub>X, Stata, RePast, MPlus, R, NetLogo, MS Office, OpenOffice

Languages:        Java, Python, php, html, sql, JavaScript

## OTHER ACTIVITIES

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| Since 2014  | Main developer and administrator of the platform <a href="http://www.sobremexico.mx">www.sobremexico.mx</a> , an information sharing platform for economists working on Mexican topics.  |
| Since 2009  | Planning, realisation and programming of the interactive online platform “LOP” for the Federal Pipelines Inspectorate (ERI) in Switzerland.  |
| 2007 - 2010 | Planning, realisation and maintenance of the online platform for the Regional Human Development Report for LAC 2009. Platform is no longer online.   |
| 2005 - 2010 | President of the association “Arbeit gegen Hunger”   |
| 2004 - 2005 | Founder of the project “Arbeit gegen Hunger” [english: work against hunger]. A project that relies a platform of student jobs with a fundraising organisation. In cooperation with “terre des hommes schweiz”, an international humanitarian aid agency. |
| 2001 - 2004 | First president of the youth-commission of the municipality of Oberwil (Switzerland), a commission for all youth relevant questions in the municipality with a budget of 20'000 Swiss Francs (about 20'000 USD).   |

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