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## Christelle DUMAS

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### Work address:

University of Fribourg  
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CH-1700 FRIBOURG  
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Born October 1977, 1st  
2 children (2007, 2009)  
French

### Research interests

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**Development economics** : Poverty, gender, labor markets, market imperfections, child labor, education, health, fertility.  
**Applied microeconometrics.**

### Current position

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2014-... **Professor**, University of Fribourg, Department of Political Economy, Chair of Development Economics.  
2020-... **Associate Editor of *World Development*** .  
2016-... **Founding member of the Development Economics Network Switzerland** .  
2019-... **Full member of the The German Association “Entwicklungökonomischer Ausschuss - Verein für Socialpolitik” for Development Economics** .  
2008-... **Full member of EUDN** (European Development Network).

### Past positions

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2012–2014 **Professor**, (Professeur Agrégé des Universités) University of Lorraine, BETA (Bureau d’Economie Théorique et Appliquée).  
2006–2012 **Associate Professor**, (Maître de Conférences des Universités) University of Cergy-Pontoise, THEMA (Théorie Économique, Modélisation et Applications).  
2005–2006 **Lecturer**, London School of Economics (LSE), Development Studies Institute (DESTIN).  
2004–2005 **Temporary Lecturer**, Université Paris-Dauphine.

### Education

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2012 **Premier concours d’agrégation des Universités.**  
2001–2005 **Ph. D. in Economics** , École des Hautes Études en Sciences Sociales.  
*Title:* Child labour supply and education demand in West Africa.  
*Jury:* Philippe de Vreyer, Marc Gurgand, Sylvie Lambert (supervisor), Thierry Magnac (referee), Eric Maurin, Elisabeth Sadoulet (referee).  
*Distinction:* Très honorable, félicitations à l’unanimité du jury, proposition pour prix de thèse et subvention pour publication.  
2000–2001 **M.Sc.** in Development Economics, University Paris I-Sorbonne.  
1998–2001 **Ecole Nationale de la Statistique et de l’Administration Économique** (ENSAE, French "Grande Ecole").

## Research

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- Published Papers in Peer-reviewed journals -

**"Better roads, better off? Evidence on improving roads in Tanzania"** with X. Jativa, *World Bank Economic Review*, accepted.

**"Returns to farm child labor in Tanzania"** with P. André and E. Delesalle, *World Development*, 2021, Vol 138, pp.105-181.

**"Household resources and individual strategies"** with S. Deschênes and S. Lambert, *World Development*, 2020, Vol 135, November.

**"Productivity Shocks and Child Labor: the Role of Credit and Labor Markets"** , *Economic Development and Cultural Change*, 2020, Vol 68(3), pp.763–812.

**"How does birth weight affect health and human capital? A short- and long-term evaluation"** with M. Baguet, *Health Economics*, 2019, Vol 28, pp.597–617.

**"Sex in Marriage is a Divine Gift" Evidence on the Quantity-Quality trade-off from the Manila Contraceptive Ban"** with A. Lefranc, *World Bank Economic Review*, forthcoming.

**"Market imperfections and child labor"** *World Development*, 2013, Vol 42, February, pp.127-142.

**"Does work impede child learning ? The case of Senegal"** *Economic Development and Cultural Change*, 2012, Vol 60(4), pp.773-793.

**"Educational achievement and socioeconomic background: causality and mechanisms in Senegal"** with S. Lambert, *Journal of African Economies*, 2011, Vol 20(1), pp.1-26.

**"Why do parents make their children work? A test of the poverty hypothesis in rural areas of Burkina Faso"** , *Oxford Economic Papers*, 2007, Vol 59(2), pp.301-329.

**"Impact de la structure familiale sur les décisions parentales de mise au travail des enfants: le cas du Brésil"** , *Revue d'Économie du Développement*, 2004, n 1, pp. 71-99.

- Books and Contributions to collections -

**"Early Schooling and Later Outcomes: Evidence from Pre-School Extension in France"** with A. Lefranc, in *From Parents to Children: The Intergenerational Transmission of Advantage*. Ermisch, J., M. Jäntti, and T. M. Smeeding (eds.). New York: Russell Sage Foundation, 2012.

**"Travail et éducation des enfants dans les pays d'Afrique de l'Ouest - Comprendre les effets de l'environnement socio-économique"** VDM Verlag Dr. Müller, Saarbrücken, 2008, pp.1-376.

**"Le travail des enfants: quelles politiques pour quels résultats?"** with S. Lambert, *Opuscule CEPREMAP*, 11, février 2008, pp.1-81.

## Research, ctd.

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- Unpublished Working Papers -

**"Health consequences of sterilizations"** with M. de la Rupelle, 2017, *WIDER Working Paper*, United Nations University, No. 125.

**"Non-standard forms of employment in Uganda and Ghana"** with C. Houdré, 2016, *ILO Working Paper*, Conditions of Work and Employment Series No. 70.

**"The long term benefits of universal child care expansion"** with A. Lefranc, 2010, *Thema WP* 2010-07.

**"Chocs et dynamiques des choix d'allocation du temps des enfants au Sénégal"** *Cahiers du Cedimes*, Avril 2010.

**"Trajectoires de scolarisation et de travail des enfants au Sénégal"** Programme IPEC-SIMPOC du Bureau International du Travail, 2006.

**"Progression through school and academic performance in Senegal: descriptive survey results"** with P. Glick, S. Lambert, D. Sahn et L. Sarr, Working Paper SAGA, July 2004.

- Work in progress -

**"Information asymmetries and female labour exchange in rural Tanzania"** with C. Arciniegas and M. Fahn.

**"Antibiotics pollution and infant mortality in India"** with S. Baumgartner and X. Jativa.

**"Determinants of labor market imperfections in Africa"** with C. Arciniegas.

**"Reservations for lower castes and school infrastructure and quality in India"** with X. Jativa.

**"Women access to political power and investment in schools in India"** with X. Jativa.

**"Mobile internet and social polarization"** with A. Darbellay.

**"Child fostering and nutrition in South Africa"** with A. Gosselin-Pali and E. Gautrain.

- Surveys -

**Tanzania** : detailed survey on female labour exchange groups in Bukoba, 2023.

**EIFID in Madagascar** : controlled experiment on 236 localities in order to evaluate the impact of infrastructures funding on local development ; in collaboration with FID and INSTAT, 2005.

**EBMS in Senegal** : tracking survey on 1800 households and 60 localities on education; in collaboration with Lea-Inra, Cornell university, Crea and Ineade, 2003.

## Services to the scientific community since 2014

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### Associate Editor

*World Development* since July 2020.  
in the Editorial Advisory Board since 2018.

### Jury member

**European Research Council, Consolidator Grants** 2022.  
**INED (Institut National d'Études Démographiques)** 2021.  
**EUTOPIA post-doc hiring process.** (network of European Universities) 2020.

### Referee in the selection process for grants

**Agence Nationale de la Recherche** (2022).  
**(US) National Science Foundation** (2021).  
**European Research Council** (2018).  
**Swiss National Fund** (2017 and 2018).  
**Indo-Swiss Joint Research Programme** (2016).  
Post-doc fellowships co-funded by the **Marie Curie Action** (2015).

### Seminars/conferences organization

Scientific committee: Swiss Society for Economics and Statistics conference (2022 and 2017).  
ADRES conference (2015).  
Department research seminar : co-organization with M. Schelker since 2014.

### Referee reports

*American Economic Review, Journal of European Economic Association, Plos One, Economic Development and Cultural Change, Journal of Development Economics, World Bank Economic Review, World Development, American Journal of Agricultural Economics, Economics Bulletin, IZA Journal of Labor Policy, Journal of Development Studies, Economics of Education Review, Empirical Economics, Journal of Economic Inequality, Journal of Population Economics, ...*

### Advisor for Ph. D. students

S. Badji, 2010-2014 (now in fellowship at Monash University); M. Baguet, 2012-2017 (now in employment in the private sector); X. Jativa 2014-2019 (now working for UNICEF); C. Arciniegas 2019-...; Brice Nkoumou (post-doc) 2019-2021; Alexandre Darbellay 2022-....

### Ph.D. jury

Y. Wu, U. of Cergy-Pontoise, 2015; F. Keslair, EHESS, 2015; C. Lecavelier des Etangs Levallois, U. of Cergy-Pontoise, 2017; T. Tran, U. of Paris-Dauphine, 2017; I. Kuosmanen, U. of Fribourg, 2020; R. Manea, IDEI, Geneva, 2021; D. Longinova, U. of Fribourg, 2021.

## Administrative duties

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2021-2023	<b>Vice Dean - Exams delegate</b>
2020-2023	Representative of the faculty at the Environmental Sciences and Humanities Institute council.
2019–2021	<b>President of the Professors committee.</b> (U. of Fribourg).
2015–2021	<b>Elected member of the Professors committee.</b> (U. of Fribourg).
2013–2014	<b>Director of the BA "Economics and Law"</b> (U. of Lorraine).
2012–2014	<b>Elected member to the research council SJPEG</b> (U. of Lorraine).
2010–2012	<b>International relationships</b> for the Economics Department (U. of Cergy-Pontoise).
2009–2012	<b>Elected member of the Department council</b> (U. of Cergy-Pontoise)
2008–2010	<b>Allocation of teaching</b> (U. of Cergy-Pontoise).

## Funding

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2023	<b>Funding</b> from CEPR (£ 24991), Swiss National Bank (CHF 5000), Alumni SES Fribourg (CHF 7000) for a project on women's empowerment via labour exchange groups in Tanzania.
2022	<b>Funding</b> from Swiss National Bank (CHF 5000).
2020	<b>Funding</b> from U. of Fribourg (CHF 35420).
2018	<b>Fundings</b> from U. of Fribourg (CHF 4830) and Labex MME-DII (2000 €).
2016	<b>Fundings</b> from U. of Fribourg, Cepremap, Labex MME-DII: 13000 €.
2015	<b>Funding from Centre de Coopération et de Développement, funded by the State secretariat for Education, Research and Innovation (SERI)</b> (Indo-Swiss Joint Research Programme) for a project on sterilization in India: CHF 90000, leading researcher.
2015	<b>Cepremap funding</b> for a project on maternal health: 5000 €
2014	<b>Cepremap funding</b> for a project on maternal health: 4000 €
2014	<b>Funding from Labex MME-DII</b> for a project on maternal health: 5000 €
2009–2012	<b>ANR funding</b> (French National Research Agency) 100 000 €, TRANSINEQ project (Transmission Intergénérationnelle des Inégalités).
2009–2010	<b>Russell Sage Foundation funding</b> CRITA project (Comparative Research on the Intergenerational Transmission of Advantage).

## Teaching

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2020–...	<b>Women and families in the developing world</b> (MA) U. of Fribourg.
2014–...	<b>Economic history</b> (BA) U. of Fribourg. <b>Development economics</b> (BA) U. of Fribourg. <b>Impact evaluation in development economics</b> (MA) U. of Fribourg. <b>Development microeconomics</b> (MA) U. of Fribourg. <b>Funding the development</b> (MA) U. of Fribourg.
2014–2018	<b>Health and nutrition in developing countries</b> (MA) U. of Fribourg.
2014	<b>Advanced econometrics (IV, selection, panel)</b> Ongoing education CEPE, MONTPELLIER.
2013–2014	<b>Microeconomics</b> (BA) U. of Lorraine.
2009–2013	<b>Development economics</b> , (MA) ENSAE.
2012	<b>Growth and sustainable development</b> , (BA) U. of Lorraine. <b>Public economics</b> , (BA) U. of Lorraine. <b>Contract theory</b> , (MA) U. of Lorraine. <b>Microeconomics</b> , (BA) U. of Lorraine. <b>Econometrics of instrumental variables</b> , (Ph.D.) U. of Lorraine.
2010–2012	<b>Development Economics</b> , (MA) U. of Cergy-Pontoise.
2009–2012	<b>Advanced linear econometrics</b> , (MA) U. of Cergy-Pontoise.
2008–2009	<b>Land and child labor</b> , (Ph. D.) ESSEC-U. of Cergy-Pontoise.
2008–2010	<b>Econometrics</b> , (MA) Paris School of Economics.
2006–2012	<b>Microeconomics</b> , (BA) U. of Cergy-Pontoise.
2006–2008	<b>Econometrics</b> , (BA) U. of Cergy-Pontoise. <b>Development and growth</b> , (MA) U. of Cergy-Pontoise.
2006–2007	<b>Statistics</b> , (BA) U. of Cergy-Pontoise.
2005–2006	<b>Development Economics Policy</b> , M.Sc. Development Studies, London School of Economics.
2004–2005	<b>General equilibrium with uncertainty</b> , (BA) U. Paris-Dauphine.