
Long Term Employment

Data-Pop Alliance**New York, London & Cambridge, MA****Director and co-Founder** (www.datapopalliance.org)**Since Jan. 2014**

- Co-founded and directing a global alliance on Big Data and Development co-created by Harvard Humanitarian Initiative, MIT Media Lab and Overseas Development Institute
- Raised over \$1.5m in 12 months, including \$400k in core funding from The Rockefeller Foundation
- Undertaking 20+ research, capacity building and technical assistance projects.

UNITED NATIONS GLOBAL PULSE, EXECUTIVE OFFICE OF THE SECRETARY-GENERAL**New York****Senior Development Economist** (Consultant, P5 level)**Jan. 2011—Jan. 2012**

- Wrote Global Pulse's White Paper "Big Data for Development: Challenges & Opportunities" (Published May 212)
- Contributed to GP's research projects and presentation of their findings to the UN General Assembly (Nov. 2011)

UNITED NATIONS DEVELOPMENT PROGRAMME**New York****HUMAN DEVELOPMENT REPORT OFFICE****Dec. 2008—Aug. 2009****Member of the Research Team—2009 Human Development Report on Human Mobility** (Consultant, P4 level)

- Lead author of "Who Moves, Why and Where?" chapter; provided inputs to other chapters, including on forced migration
- Co-authored a background paper on the "Migration-Development Nexus"; Supervised 5 others
- Oversaw the preparation and production of all figures and graphs, reviewed the French translation

BUREAU FOR CRISIS PREVENTION AND RECOVERY**Aug. 2007—Dec. 2008****Policy Specialist, Post-Conflict Economic Recovery** (P3)

- Associate Project Manager of BCPR 2008 report "*Post-conflict Economic Recovery: Enabling Local Ingenuity*" (budget \$2.5m)
- Co-authored 2 chapters; Conducted data analysis and prepared figures for the entire report
- Provided substantive inputs to UN-wide work on the Food Crisis and the UN Post-Conflict Employment Policy

BUREAU FOR DEVELOPMENT POLICY, POVERTY GROUP**Jan. 2006—June 2007****Public Finance Economist** (Consultant, P3 level)

- Co-authored 2 published papers and provided policy guidance and support on 'Fiscal Space' (see Publications)
- Conducted applied research on Budget Support, Debt Sustainability, Medium Term Expenditure Frameworks, etc.

FRENCH MINISTRY OF FINANCE'S TECHNICAL ASSISTANCE AGENCY IN VIETNAM**Hanoi, Vietnam****Technical Assistant & Chief of Project** "*Strengthening Vietnam's Economic Governance*"**Oct. 2000—Aug. 2004**

- Led and coordinated \$2.5m technical assistance program to Vietnam's Ministry of Finance and General Statistics Office
- Support to General Statistics Office included design and implementation of TA program with French INSEE and Paris21
- Co-organized 3 sessions of the Franco-Vietnamese intergovernmental Forum—including background research
- Provided research assistance over 3 months for a study on "*Migration, Urbanization and Rural Development in Vietnam*"

PROJECTS & CONSULTANCIES (UNTIL MARCH 2014)

SCIDEV.NET**New York****Consultant, Big Data for Development Spotlight****Jan-March 2014**

- Led and coordinated 'Big Data for Development' Spotlight; wrote Overview piece, Key Resources piece, Definitions piece, prepared infographics and identified key resource persons for podcasts and opinion pieces

ORGANIZATION FOR ECONOMIC COOPERATION AND DEVELOPMENT (OECD)**New York & Paris****Lead Author, "Fragile States Report 2014: Domestic Revenue Mobilization in Fragile States"****Feb.—Dec. 2013**

- Lead the preparation of the report: strategic positioning, research, data analysis and writing; oversaw team of 5

Lead Author, "Fragile States Report 2013: Resource Flows and Trends in a Shifting World"**April—Sept. 2012**

- Led the preparation of the report: strategic positioning, research, data analysis and writing; oversaw team of 3

PARIS-21 INITIATIVE**New York & Paris****Adviser on Big Data and Official Statistics****Jan.-Dec. 2013**

- Analysis of Big Data and Official Statistics initiatives and presentation at 2013 World Statistical Congress
- Wrote a working paper on Big Data and Official Statistics (with Paris21 Manager J. Jütting)

INTERNATIONAL PEACE INSTITUTE, JOINT IPI-USAID-UNDP PROJECT**New York****Consultant and Non-Resident Adviser, Big Data and Conflict Prevention****Sept. 2012—March 2013**

- Lead author of paper on "Big Data for Conflict Prevention" (with co-authors Patrick Meier and Patrick Vinck)

UNITED NATIONS OFFICE FOR THE COORDINATION OF HUMANITARIAN AFFAIRS**New York****POLICY DEVELOPMENT AND STUDIES BRANCH****May—Sept. 2012****Big Data and Technology Consultant, OCHA Flagship Report "Humanitarianism in the Network Age"**

- Provided substantive inputs and advice on Big Data in humanitarian contexts and supervised 10 case studies

UNITED NATIONS DEVELOPMENT PROGRAMME**Consultant, various assignments** (*see 'Publications' for details*)**Various****Sept. 2009—current**

- **UNDP Ghana Country Office:** co-authored a paper on “Fiscal Policy in Ghana” (Dec. 2013)
- **Regional Bureau for Arab States:** consultant for 2012 Arab States Human Development Report (Sept.-Oct. 2012)
- **Executive Office of the Administrator:** Lead author of 2012 Annual Report to the Executive Board (Feb.-May 2012)
- **Bureau for Development Policy:** research and writing for note on Migration and Development (May-June 2012)
- **Bureau for Development Policy:** research and writing for report on Vulnerability (June to December 2010)
- **UNDP Ghana Country Office:** co-authored a paper on “Fiscal Space for the MDGs in Ghana” (Sept. to Dec. 2010)
- **Human Development Report Office:** edited the French version of the 2010 “20th anniversary” HDR (Sept. 2010)
- **Regional Bureau for Arab States:** wrote 2 papers on (i) climate change and (ii) governance (Feb. and April 2010)
- **Human Development Report Office:** co-authored a background paper on the impact of conflict (January 2010)
- **Bureau for Development Policy:** wrote a paper on the global crisis and post-conflict countries (Sept. to Dec. 2009)

REVENUE WATCH INSTITUTE**Consultant, Revenue Watch Index project****New York****March—May 2010 & 2012**

- Conducted research on Liberia and Sierra Leone as part of the preparation of the Transparency Index 2010 and 2102

UC BERKELEY, CENTER ON THE ECONOMY AND DEMOGRAPHY OF AGING**Research Assistant to Prof. Ronald D. Lee, National Transfer Accounts project****Berkeley****Sept. 2009-Aug. 2010**

- Conducted research on intergenerational transfers as part of the NTA project (www.ntaccounts.org)

AGULHAS CONSULTING**New York & Paris****Consultant, International Comparison Programme (ICP) project****July 2007**

- Analysis of the impact of revised Purchasing Power Parity rates as part of 2005 round of the ICP

THE WORLD BANK GROUP, DEVELOPMENT RESEARCH GROUP**New York****Research Assistant****July 2005—Dec 2005**

- Prepared an economic study on “Benin’s Binding Constraints to Growth” focusing on five sectors

INTERNATIONAL MONETARY FUND IN HANOI**Hanoi, Vietnam****Research Fellow****June 2005**

- Study on “*Vietnam’s Household Registration System and the Welfare of Migrants*” supported by the Sasakawa Foundation

EDUCATION**UNIVERSITY OF CALIFORNIA, BERKELEY****PhD Candidate, Department of Demography** (*Degree expected May 2016*)**Since 2009** (*parental leave in 2012*)

- Qualifying Examination Fields (passed May 2013): Fertility and Development, Historical Demography
- Dissertation Title: “*Demo-Economic Analysis in the Big Data Era*”
- Dissertation Committee: R. D. Lee (Chair; Econ. & Demog.), E. Miguel (Econ.), J. Johnson-Hanks (Sociology & Demog.)

COLUMBIA UNIVERSITY SCHOOL OF INTERNATIONAL AND PUBLIC AFFAIRS**MA in International Affairs-Economic Development** (*GPA: 3.93/4.00*)**May 2006**

- Fulbright Fellow, Teaching Assistant in Economic Analysis (MA level)
- MA thesis: “*The Impact of Vietnam’s Household Registration System on Migrants’ Welfare*” (Supervisor K. Pop-Eleches)

SCIENCES-PO PARIS**MA in Economic Demography****Oct. 2000**

- Specialized in Population and Development (*with Honors*)
- MA thesis: “*Living standards of rural migrants in Dakar*” conducted at Dakar Research Development Institute (Summer 2000)

BA (Diplôme)**July 1999**

- Major in Political Science, Minor in Economics

ACADEMIC FELLOWSHIPS, AWARDS & AFFILIATIONS

- Fellow, MII Connection Science, 2015—
- MIT Media Lab, Visiting Scholar, 2014—
- Harvard Humanitarian Initiative, Research Affiliate 2013—
- Senior Research Associate, Overseas Development Institute, 2014—
- University of California Dean’s Normative Time Fellowship, UC Berkeley, 2013—2014
- UC Berkeley Graduate Division Block Grant Award, 2013—2014
- University of California Regents' Intern Doctoral Fellowship, UC Berkeley, 2009—2013
- Graduate Student Research Fellowship, UC Berkeley/IBER, 2009—2011
- J. William Fulbright Fellowship, 2004-2005 (at Columbia University)
- Economic Analysis Teaching Assistant Fellowship, MA class, Columbia University, Fall 2005
- Sasakawa Foundation Young Leader Fellowship Grant for research in IMF office in Hanoi, Vietnam, Summer 2005

Big Data for Development (as of 2014)

- *“Big Data for development: Facts and figures”* and *“Big Data for development: key resources”*. Articles for scidev.net spotlight on Big Data and Development, April 15, 2014
- *“The Big Data revolution should be about knowledge security”*. Contribution to ODI post-2015 blog series, April 1, 2014
- *“Big Data and Official Statistics: Think Again, Act Already”*. Lead author, with J. Jütting, Paris21 (*ongoing*)
- *“Could Big Data provide alternative measures of poverty and welfare?”* Contribution to ODI blog series on poverty measurement (with L. Pritchett, S. Klasen, M. Ravallion and S. Alkire and A. Lenhardt), June 11, 2013
- *“Big Data for Human Mobility Analysis”*. Contribution to World Disaster Report 2013 (*forthcoming*)
- *“Big Data for Conflict Prevention”*. Lead author of IPI-USAID-UNDP paper with P. Meier and P. Vinck, April 2013
- *“Big Data, aggregates and individuals”*. Blog post for Bruegel, with J. Cohen-Setton, March 26, 2013
- *“GDP, welfare and the rise of data-driven activities”*. Blog post for Bruegel, with J. Cohen-Setton, March 18, 2013
- *“How Can Big Data from Cellphones Help Prevent Conflict?”* Blog post for IPI Global Observatory, November 2012
- *“Big Data for Development: Challenges and Opportunities”*. UN Global Pulse’s White Paper, May 2012
- *“High-frequency data for investors and policymakers”*. Blog post for Bruegel, with J. Cohen-Setton and Sh. Vallée, June 24, 2011
- *“Mining the Web for digital signals: Lessons from public health research”*. Blog post for Global Pulse, November 7, 2011
- *“Innovation, Intent and Capacity”*. Blog post for UN Global Pulse, May 5, 2011

Fragile States & Conflict

- *“Fragile States 2014: Domestic Revenue Mobilization in Fragile States”*. OECD annual report on Fragile States, Lead Author (with co-author S. Cramer and J. Profos); December 2013
- *“Kidnapping paid the bills for jihadist groups in Mali. Now what?”* Contribution to International Peace Institute Global Observatory (co-authored with S. Cramer), February 2013
- *“Shades, Shifts and Shades: The New Fragile States Landscape”*. Contribution to International Peace Institute Global Observatory (co-authored with J. de Catheu), December 12, 2012
- *“Fragile States Report 2013: Resource Flows and Trends in a Shifting World”*. OECD annual report on Fragile States. Lead Author Observatory (with co-author J. de Catheu), December 2012
- *“The Economic, Environmental and Health Consequences of Conflict”*, with B. Daponte. UNDP, 2010. Background paper to the 2010 Human Development Report (Unpublished Working Paper)
- *“What May the Global Financial and Economic Crisis Mean for Post-Conflict and High-Instability Countries?”* Prepared for UNDP Poverty Group & International Policy Dialogue Working Paper series, February 2010
- Report on *“Post-Conflict Economic Recovery”*: co-authored chapters on the “Indigenous Drivers of Recovery” and on “Macroeconomic Considerations for Recovery”, with J. Ohiorhenuan. A. Kilroy, A. Zafar and D. McLeod. UNDP, 2008

Fiscal Policy and Economic Governance

- *“Dornbusch and Edwards Revisited: Do Leftist Regimes Implement Less Sustainable Economic Policies?”* Co-authored with F. Rodríguez and F. Sjöberg, Nov. 2011. Presented at seminars at Columbia and Fordham Universities
- *“Leveraging Fiscal Space for Human Development in Ghana: The 2015 MDG Mark and Beyond”*. Prepared for UNDP Ghana Country Office, co-authored with M. McPherson and R. D. Osei (*presented in Accra in Feb. 2011*)
- *“Governance in the Arab Region”*. Background paper prepared for UNDP’s Regional Dialogue on Governance, May 2010
- *“Fiscal Space for What? Analytical Issues from a Human Development Perspective”*, with R. Roy and A. Heuty. UNDP, 2007. Prepared for and presented at the G—24 Technical Meeting in Istanbul, July 2007
- *“Fiscal Space for Public Investment: Toward a Human Development Approach”*, with R. Roy and A. Heuty. UNDP, 2006. Prepared for the G-24 Technical Meeting in Singapore, Sept. 2006; presented at the *Singapore Economic Review* Conference in September 2007
- *“Climate Change, Water & Food Security in the Arab Region”*. Paper prepared for Alexandria Dialogue on Security, April 2010

Migration

- *“Revisiting the Migration-Development Nexus: a Gravity Model Approach”*. Background paper to the 2009 Human Development Report with M. Purser, F. Rodríguez and M. Cummins. UNDP, 2009.
- *“Demographic tectonics”*. Blog post for Bruegel, with J. Cohen-Setton, March 18, 2011
- *“Human Mobility and Development: Overcoming Barriers”*. 2009 Human Development Report, UNDP (co-authored 1 chapter and provided inputs to 2 others)

Big Data & Development

- **FHI360:** *"Big Data and Complex Systems"*, FIELD Conference, Washington DC, Conference, September 11, 2014
- **UN Summer Academy 2014:** *"Big Data for development"*, New York, June 20, 2014
- **GIZ Eschborn Dialogue 2014:** *"Big Data and the Knowledge Society"*, Eschborn, Germany, June 18, 2014
- **Harvard University Kennedy School of Government:** *"Big Data for Development"*, panelist (with co-panelists Alex 'Sandy' Pentland, Nathan Eagle and Philip Evans), at Harvard International Development Conference, April 12, 2014
- **Eurostat-funded event on Big Data in Official Statistics:** *"Big Data in Official Statistics: complement, substitute, or something else?"* Presentation at panel, Rome, March 31, 2014
- **World Bank:** *"Big Data for Development: where do we stand and go from here?"* Seminar at World Bank Development Data Group, Washington D.C., February 12th, 2014
- **UNDP-ODI-Hewlett Foundation Dialogue on Data and Accountability:** *"Is Big Data the 'new oil' for human development? (Let's make sure it's not)"*. Presenter and panel member, Japan Society, New York, January 30, 2014
- **5th International Conference of Crisis Mappers:** *"Reflections on the Big Data-Rich Future of Humanitarian Assistance"*. Panel member and presentation, Nairobi, Kenya, November 21st, 2013
- **Colombia's National Statistical Institute:** *"5 considerations on Big Data and Official Statistics"*. Panel member and presentation at special event on Big Data on the occasion of the Institute's 60th anniversary, Bogotá, October 28, 2013
- **Pacific Council on International Policy:** *"The Rise and Implications of Big Data"*. Panel member (with Michael Chui and Kenneth Cukier) at Global Groundbreakers and Policymakers Conference, Santa Monica, October 11-12, 2013
- **International Statistical Institute 2013 World Statistical Congress:** *"Big Data and Official Statistics: The Case of Poverty Monitoring"*, Panel member and presentation at Special Technical Session on Big Data, Hong Kong, August 29, 2013
- **US State Department:** Panelist on Big Data at TechCamp NYC on "Journalism in Conflict Zones", July 25 and 26, 2013
- **US State Department:** Panelist on Big Data panel, "Moneyball Diplomacy" Conference, Washington D.C., June 7, 2013
- **Harvard University Kennedy School of Government:** Moderated Panel on *"Big Data for Development"* (with panelists Nathan Eagle and William Hoffman) at Harvard International Development Conference, April 13, 2013
- **International Peace Institute & United States Institute of Peace:** *"Big Data for Conflict Prevention"*. Presentation of co-authored paper with P. Meier and P. Vinck, April 10 & 12, 2013
- **Columbia University:** *"Mobility Analysis Using Big Data"*. Presentation at Oak Foundation and Plan International, USA Workshop on *"New Information and Communication Technologies and Children and Youth on the Move"*, April 9 2013
- **OECD:** *"Big Data for Development: Seizing the Opportunity"*. Presentation at DAC Development Debate Conference "From Data Poverty to a Data Deluge? Statistical Systems and Evidence based Policy Making", Paris, January 21, 2013
- **OECD:** *"Big Data for Development"*. Presentation at Technology Foresight Forum 2012, Paris, October 22, 2012
- **International Conference of Crisis Mappers:** Animated Self-Organized session on *"Big Data for Conflict Prevention"*. George Washington University, Washington D.C., October 13, 2012
- **United States Institute of Peace & National Academy of Engineering:** *"Big Data for Conflict Prevention"*. Presentation at Workshop on "Sensing and Shaping Emerging Conflicts", Washington D.C., October 11, 2012

Fragile States & Conflict

- **United Nations:** *"The New Fragile States Landscape"*. Presentation at UNDP-PBSP-AfDB-World Bank Workshop "Supporting Conflict Response, Peace- and State-building", New York, February 12, 2013
- **World Bank:** *"Resource flows and trends in fragile states: Implications for the global fight against poverty"*. Presentation at WB- USAID event on the occasion of the launch of OECD's 2013 Fragile States Report (as Lead Author), December 11, 2012
- **International Peace Institute:** *"Global Factors, Global Threats: New Challenges and Opportunities for Fragile States"*. Presentation on the occasion of the launch of OECD's 2013 Fragile States Report (as Lead Author), December 12, 2012

Fiscal Policy & Governance

- **Fordham University:** *"Dornbusch and Edwards Revisited: Do Leftist Regimes Implement Less Sustainable Economic Policies?"* Presentation at Economics Department Seminar, April 19, 2011
- **Columbia University:** *"Dornbusch and Edwards Revisited: Do Leftist Regimes Implement Less Sustainable Economic Policies?"* Presentation at Workshop on Inequality in Latin America, Institute of Latin American Studies, April 11, 2011

Migration

- **Columbia University:** *"Mobility Analysis Using Big Data"*. Presentation at Oak Foundation and Plan International, USA Workshop on *"New Information and Communication Technologies and Children and Youth on the Move"*, April 9th 2013
- **UC Berkeley:** "Human Mobility and Development—Overview of the 2009 Human Development Report." Brown Bag Presentation, Department of Demography, October 28, 2009
- **Institut d'Anàlisi Econòmica, Barcelona Graduate School of Economics:** *"Revisiting the Migration-Development Nexus: a Gravity Model Approach"*. Presentation of co-authored paper at INSIDE Workshop on migration, June 4, 2009

TEACHING

- **Columbia University:** "*Big Data for Development*". Guest Lecture in the Doctoral Program in Public Health, class taught by Prof. Lindsay Stark, December 2, 2013
- **The New School for Social Research:** "*The Microeconomics of Children*". Guest Lecture in Graduate Microeconomics class taught by Prof. Sanjay Reddy, Department of Economics, November 1, 2010
- **Columbia University:** "*What Causes Civil Wars in Africa? A Review of the Recent Economic Literature*." Guest Lecture in 'Political Economy of African Development' class taught by John Ohirohenuan, SIPA, April 22, 2010
- **Columbia University:** "*Migration in and out of Africa: Why, Where and How Many?*" Guest Lecture in 'Political Economy of African Development' class taught by John Ohirohenuan, School of International and Public Affairs, March 26, 2009
- **Columbia University: Teaching Assistant for 'Economic Analysis' MA class,** School of International and Public Affairs, Fall 2005, 4 hrs/week of teaching, in charge of grading midterms and finals
- **Columbia University: Teaching Assistant for 'Economics and Finance' class,** CU Business School, July 2006
- **Vietnam Ministry of Finance:** Lecturer in economics and public finance, Academy of Finance, 2000-2004, 2 hrs/week

POLITICAL CARTOONING

- Exhibition at MIT Media Lab, Build Peace Conference, April 5-6, 2014
- Solo show at The Invisible Dog (ID), Brooklyn, NY, on October 7—9, 2011; 2nd solo show scheduled for June 2014 at ID
- Invited Member of *The Cartoon Movement* since 2012
- Editorial cartoonist for *Rue89* (one of France's leading news websites) since 2011: www.rue89.com/manu
- Cartoonist for *Stuff Expat Aid Workers Like*, online satirical blog
- Cartoonist for *Columbia University Journal of International Affairs*
- Cartoonist *Columbia University SIPANews* (2004-2006)
- Cartoonist for French regional daily *L'Union* (1997-2004)
- Cartoonist for weekly national political magazine *Politis* (1998-2000)
- Illustrations and editorial cartoons for UN report and others

SKILLS & ACTIVITIES

Languages	French (native); English (fluent); Spanish, Vietnamese, German (intermediate); Arabic (basic)
Stat. package	Proficiency in Stata and R
Additional international experience	MA thesis prepared in Dakar, Senegal (2000). Humanitarian mission to Mauritania (summer 1999). Lived in Kuwait (1988-90), Sweden (1986-87). Extensive travel in the Middle East, South-East Asia and West Africa. Field work in Liberia (July 2008) and Ghana (Sept. 2010, Sept & Dec. 2013). Traveled to 60+ countries.