

PAUL GUBBINS

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EDUCATION

May 2011	Columbia University School of International and Public Affairs Master of Public Administration; concentration in Economic and Political Development; specialization in Advanced Policy and Economic Analysis. <i>Awards:</i> Graduate Teaching Fellowship (Fall 2010, Spring 2011)	New York, NY
Aug 2009	University of Washington Certificate in global health measurement and evaluation	Seattle, CA
May 2004	University of California at Berkeley Bachelor of Arts (BA) in Economics	Berkeley, CA
May 2004	Bachelor of Arts (BA) in Molecular and Cell Biology, concentration in Genetics	
Jan. 2003-	Pontificia Universidad Catolica de Chile	Santiago, Chile
Aug. 2003	University of California study abroad program	

EXPERIENCE

Jan 2018 - Present	Independent consultant <u>Short term consultant, World Bank</u> <ul style="list-style-type: none">▪ Authored research paper on the drivers of child stunting in the Philippines using the 2015 Philippines National Nutrition survey.▪ Developed presentation materials to communicate the concept and findings of the World Bank's Human Capital index project to the Philippine's government. <u>Research and data advisor, FSD Kenya</u> <ul style="list-style-type: none">▪ Developed and authored several reports examining financial services in Kenya, including FSD Kenya's 2019 FinAccess Household survey report, two reports empirically examining the drivers and risks of digital credit, a report measuring the cost of banking in Kenya and a paper exploring the links between technology, finance and growth in Kenya.▪ Providing technical advice to FSD Kenya's "Smart sensors" project that will examine consumer preferences in relation to personal data sharing and better understand how smart phone data can be used in financial inclusion.▪ Directing the development of an open access data platform that will enable users to -find, share, compare and visualize financial inclusion and financial sector development indicators, from supply-side, demand-side and geospatial sources.	
Nov 2014 – Dec 2018	FSD Kenya <u>Research lead</u> <ul style="list-style-type: none">▪ Lead the Center for Insights into Financial Inclusion, a USD 2.5m research initiative to generate and communicate demand-side insights to support pro-poor innovation and policy in the financial services sector in Kenya.▪ Supported the development and dissemination of seven thematic reports from the Kenya Financial Diaries research project.▪ Initiated and managed partnerships to conduct experimental applied research with private sector actors and independent research institutions, including a behaviorally informed AB testing program to boost savings and a large-scale experiment to boost adoption of agricultural insurance.▪ Conducted analyses of transaction data records to help demonstrate the value of data driven decision making to private sector actors, this included using data for customer segmentation and loan portfolio analysis to identify repayment patterns.▪ Designed and developed a suite of interactive data tools to help Kenya financial inclusion stakeholders understand trends in adoption of financial services, understand the financial lives of the poor, and understand the types, values, and volumes of transactions that define the lives of low-income families.	Nairobi, Kenya

June 2011 - Oct 2014	<ul style="list-style-type: none"> Managed the redesign and development of FSD Kenya's website to make it a more powerful channel to archive and communicate its knowledge resources. <p>World Bank <u>Poverty Economist/ Consultant</u></p> <ul style="list-style-type: none"> Lead the analysis, writing and dissemination of the Kenya Economic Update special focus on poverty and jobs and presented findings at public launch. Advise government on the expansion and targeting strategy for four of Kenya's largest cash transfer programs under the National Safety Net Program for Results. Generate interactive data-driven tools to help decision-makers explore the impact of sector growth policies on poverty and inequality. Support the design of the second Kenya Integrated Household Budget Survey by assessing the relative performance of recall versus diary methods in measuring consumption. Conducted baseline study of evaluation to assess the impact of a teacher-training program on student outcomes in Malawi. Conducted maternal and child health study for South Sudan and Sudan using demographic and econometric methods to assess levels and trends in key health outcomes, survival interventions and understand key factors contributing to public health system performance. Supported the design and field-based piloting of the South Sudan Experimental Mobile Phone Survey (an experimental mobile survey platform to obtain real-time information on living conditions) Analyzed survey data and synthesized results in a paper on the potential of using mobile phones for research in low resource settings. 	Nairobi, Kenya; Juba, South Sudan
Nov 2010 - May 2011	<p>Kopernik & Columbia University <u>Monitoring and Evaluation Consultant</u></p> <ul style="list-style-type: none"> Managed evaluation project to assess the impact, challenges and opportunities of distributing solar-LED lanterns in Central Kalimantan. Implemented baseline household survey to measure impact and developed strategic recommendations in a report for Kopernik's CEO geared toward improving the implementation and sustainability of solar-technology distribution in Indonesia. 	New York, NY Kalimantan, Indonesia
Aug 2010 - Dec 2011	<p>School of International & Public Affaris, Columbia University <u>Teaching Assistant</u>, Advanced Economic Development, Professor Eric Verhoogen</p> <ul style="list-style-type: none"> Planned and delivered weekly recitations to students. Developed and provided statistical programming training workshops. 	New York, NY
Sep 2007 - Aug 2009	<p>Institute for Health Metrics and Evaluation (IHME) & University of Washington <u>Research Fellow</u></p> <ul style="list-style-type: none"> Lead two-year research program tracking the sources and channels of financing for health programs in low and middle-income countries between 1990 and 2007. Designed and developed longitudinal database tracking commitments, disbursements and expenditures on grants, loans and programs from bilateral development agencies, international financial institutions, the United Nations and domestic and international non-governmental organizations (NGOs). Coordinated and conducted interviews with aid administrators and health officials in Zambia and Malawi to research impact of aid programs for health on national health systems. Presented findings during bi-annual advisory panel meetings with members of leading global health institutions. 	Seattle, WA
Nov 2004 - Aug 2007	<p>American Institutes for Research (AIR) <u>Research Associate</u></p> <ul style="list-style-type: none"> Coordinated two-year evaluation of the High Priority Schools Grant Program (HPSGP), a state intervention program targeting the lowest performing schools in California. Conducted in-depth policy research to inform evaluation study's design. Developed and implemented strategies to conduct case studies with 9 districts and 16 schools. Interviewed principals, teachers and district administrators. 	Palo Alto, CA

- Built databases for use in statistical analysis of statewide achievement data and expenditure reports.
- Used quasi-experimental statistical methods to quantify the impact of HPSGP.
- Developed resource model based on professional judgment panel to estimate cost of adequate K-12 education in California and conducted analyses to describe resource allocation patterns among California schools.

PUBLICATIONS

Peer Reviewed: Population Health Metrics: “Developing a comprehensive time series of GDP per capita for 210 countries from 1950 to 2015” (2012); The Lancet: “Financing of global health: tracking development assistance for health from 1990 to 2007” (2009); “Skeptical Optimism: a new take on global health data” (2009); Journal of Education for Students Placed at Risk: “What Works to Improve Student Literacy Achievement: An Examination of Instructional Practices in a Balanced Literacy Approach” (2008)

Non-Peer Reviewed: “Digital credit in Kenya: Evidence from Demand-side surveys” (2018); “Finance and living well: Insights into the social value Kenyans seek from their financial services” (2017); Kenya Economic Update 8, Special Focus: Poverty (2013); Kenya Economic Update 7, Special Focus: Jobs (2012); “Challenges and opportunities of mobile phone based data collection: Evidence from South Sudan” (2012), “An Evaluation of Malawi’s Open Distance Learning Program: Baseline Study” (2012), “Progress and Challenges for Improving Child and Maternal Health in a post-conflict setting: the case of South Sudan” (2011), “Evaluation Study of California’s High Priority Schools Grant Program” (2007); “Charter Schools in California: A Review of their Autonomy and Resources Allocation Practices” (2007); “Successful California Schools in the Context of Educational Adequacy” (2007).

SKILLS

Desktop Publishing: MS Office (Word, Power Point, Excel) | R Markdown

Programming & Analytics: Proficient with data manipulation, analysis and graphing functions in R, Shiny, SAS and STATA | Python | Machine Learning Algorithms | MATLAB | GitHub

GIS: ArcGIS, QGIS, Leaflet

Web: HTML + CSS | PHP + MYSQL

Languages: Bilingual in Spanish and English