

# Je rey Dickinson

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” <https://sites.google.com/site/jdickinson/home>

## Education

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Graduate Institute of International and Development Studies	Geneva
PhD in Development Economics	2014–2020
Supervisors: Jean Louis Arcand and Nicolas Berman	
Graduate Institute of International and Development Studies	Geneva
Master’s in International Economics	2012–2014
Emory University	Atlanta
Bachelor’s in Economics	2010–2012

## Work in Progress

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Title: Gender and Barriers to Market Access

This paper addresses the effects of gender based price differentials in agricultural output and livestock markets in Tanzania. Using transaction data from four waves of the Tanzania Living Standards Measurement Survey I detect that an increase of 1 percent in the price a household headed by a man would receive in village crop markets corresponds to .26 percent increase in the price a woman headed household would receive for sales of similar crops. These results hold when examining price discrepancies in individual crops and livestock. The results suggest women have internalized these price disparities which is reflected in the women’s own valuations of their crops.

## In Submission

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Title: Planes, Trains, and Automobiles: What Drives Human Made Light?

This paper expands on our understanding of the lights income relationship by linking the newest generation of nighttime satellite images to nationwide panel data on population and income for both Brazil and the United States covering the years 2012–2018. The newest images captured by the Visible Infrared Imaging Radiometry Suite (VIIRS) offer a pixel resolution 45 times higher than the previous generation of nighttime lights. Light is less responsive to changes in GDP in the USA than in Brazil. Consistent with the literature I find evidence of nonlinearities in the form of decreasing marginal effects of GDP on nighttime light. I use regressions by centile of nighttime light to outline the effects of GDP and population on nighttime light across the entire distribution of light. Finally, I use a between county estimator to identify the effects of time invariant infrastructure features on night time light. I find that roads, rail, ports, airports and border crossings contribute positively to nighttime light.

## Conferences

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North American Regional Science Council Annual Conference, November 2020  
Planes, Trains, and Automobiles: What Drives Human Made Light?

## Experience

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American University Wash., DC  
Undergraduate Development Economics Fall 2021  
Adjunct Professor

American University Wash., DC  
Principles of Macroeconomics Summer 2021  
Adjunct Professor

American University Wash., DC  
Undergraduate Development Economics Spring 2021  
Adjunct Professor

## Professional.....

World Bank Rome  
Consultant, Development Data Group 2021  
Producing research paper on comparative analysis of plot size measurement techniques

World Bank DC  
Consultant, Finance, Competitiveness, and Innovation 2020-2021  
Analyzing Firm level data from Kenya measuring the effects of COVID 19 related interventions.

International Monetary Fund (PT; 20hrs/wk) Geneva  
Project Officer 2015-2016  
Conducting analysis on Uganda bank loans using nighttime lights data and highly disaggregated population loan data from the Bank of Uganda.

## Languages

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English: Native  
French: Intermediate, B2 Certificate  
Spanish: Intermediate

## Computer skills

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Programming Languages, and Software Python, Latex, R, STATA, ArcGIS

## References

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Walter P