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## Academic Appointments

Instructor, Temple University, Department of Economics, 2018-

## Education

Ph.D. Candidate, Economics, Temple University, (*Expected:* May 2020)

Dissertation: "Treatment effects in bayesian and latent variable models"

Committee: [Brantly Callaway](#) (Chair), [Oleg Rytchkov](#), Charles Swanson

Ph.D. Student, Economics, Temple University, 2014-2018

B.A., Economics and French (First Class), University of Ghana, Legon, 2013

## Research Interests

Microeconometrics and Empirical Industrial Organisation

## Research Skills

Bayesian Econometrics, Machine Learning, Statistical programming

## Working Papers

1. [Recovering distributions for the estimation of treatment effects under partly unobserved treatment with repeated cross-sections](#)
2. [Bayesian Distribution Regression](#), (with Weige Huang, submitted)

## Work in Progress

1. Unobserved heterogeneity in two-part models (with Brantly Callaway)
2. Clustered parameter estimation for dimension reduction (with Abdul-Nasah Soale)
3. A semi-parametric estimator of time-varying endogenous SAR
4. Time-varying cross-sectional dependence in panel data models and social networks

## Teaching

### 1. Temple University

Teaching Assistant for Prof. Michael Bonnanno, 2014-2016

Teaching Assistant for Prof. Michael Leeds, 2016-2017

Instructor, Principles of Microeconomics, Summer I, 2015, 2016 2018

Instructor, Intermediate Microeconomics, Summer I, 2018

### 2. University of Ghana, Legon

Teaching Assistant for Dr. Abel Fumey, 2013-2014

## Software

R packages: [bayesdistreg](#) (with Weige Huang), [bayesprdopt](#)

[C](#), [Fortran](#)

Matlab, Stata, Octave, Python, L<sup>A</sup>T<sub>E</sub>X, Microsoft Office

## Languages

Ewe (mother tongue), English (official language), French (fluent), Spanish (fluent), German (intermediate), Portuguese (intermediate), Twi

## Honors and Fellowships

1. Research Fellowship, Department of Economics, Summer 2019

2. Research Fellowship, Department of Economics, Summer 2017

3. Best graduating student in French, University of Ghana, 2013

## References

### **Prof. Brantly Callaway**

(Dissertation Advisor)

Department of Economics, TU

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### **Prof. Oleg Rytchkov**

(Dissertation Committee Member)

Department of Finance, TU

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### **Prof. Charles Swanson**

(Dissertation Committee Member)

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### **Prof. Doug Webber**

Department of Economics, TU

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### **Prof. Michael Bognanno**

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### **Prof. Michael Leeds**

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