

# ALYSSA HELEN CARLSON

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209 Clifford St, Lansing, MI 48912 | (720)938-9527 | [carls405@msu.edu](mailto:carls405@msu.edu)

## EDUCATION

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- 2014-2019  
(Expected) PhD & MA in Economics, *Michigan State University*  
Fields: Econometrics, Industrial Organizations  
Dissertation: *Trade-Offs in Non-linear Models and Estimation Strategies*  
GPA: 4.0
- 2008-2012 BS in Economics & BA in International Relations, *American University*  
GPA: 3.88

## RESEARCH

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- Relaxing conditional independence in an endogenous binary response model*  
(Job Market Paper)
- Parametric identification of multiplicative exponential heteroskedasticity*  
(Accepted in *Oxford Bulletin of Economics and Statistics*)
- Behavior of pooled and joint estimators in probit model with random coefficients and serial correlation*  
(Joint with Jeffrey Wooldridge and Ying Zhu)
- Estimating unreported taxi tips in Chicago: addressing sample selection bias for machine learning methods*  
(Joint with Dylan Brewer, work in progress)
- Understanding Demand for Organic Food: A General Control Function Approach*  
(Joint with Katie Harris, work in progress)

## CONFERENCES AND SEMINARS

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- 2018 Grand Valley State University (Allendale, MI), Midwest Econometrics Group (Madison, WI), International Association of Applied Econometrics Conference (Montreal, CAN), Midwest Economics Association (Evanston, IL), Michigan State University Econometrics Seminar (East Lansing, MI), Michigan State University Graduate Student Seminar (East Lansing, MI)
- 2017 Midwest Econometric Group (College Station, TX), Red Cedar Conference (East Lansing, MI), Michigan State University Graduate Student Seminar (East Lansing, MI)

## FELLOWSHIPS AND HONORS

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- 2018 Graduate Research Travel Fellowship, MSU Summer Research Fellowship
- 2017 Red Cedar Award (best 3<sup>rd</sup> year paper), Department of Economics Excellence-in-Teaching Citation, College of Social Science Teaching Award
- 2015 Peter Schmidt Award (distinguished 1<sup>st</sup> year performance), Goodman Fellowship

## RESEARCH EXPERIENCE

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- 2017 Research Assistant to Jeffrey Wooldridge  
Department of Economics, Michigan State University
- 2015-2016 Research Assistant to Scott Imberman  
Department of Economics, Michigan State University

2015 Research Assistant to Claudia Rosales  
Department of Supply Chain Management, Michigan State University

2013 Statistical Analysis Intern  
Seagate Technology, Longmont, CO

## TEACHING EXPERIENCE

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Graduate: Cross Section I (2018, 2016), Cross Section II (2017), Econometrics I (2015),  
Teaching Assistant Public Finance (2015)

Graduate: Agricultural Economics Department Econometrics Preliminary Exam Tutor  
Tutoring (2018, 2017)

Undergraduate: Microeconomics (2016)  
Instructor on Record

Undergraduate: Econometrics (2018, 2017), Macroeconomics and Public Policy (2015),  
Teaching Assistant Microeconomics (2014)

## UNIVERSITY SERVICE

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2018 Panelist for meeting of Women and Minorities in Economics at MSU, Organizer of MSU  
Graduate Student Seminar, Graduate Economics First Year Mentor

2017 Founder and Organizer of MSU Econometrics Reading Group, Graduate Economics First  
Year Mentor

2016 Graduate Admissions and Awards Committee Member, Graduate Economics First Year  
Mentor

## COMPUTER SKILLS

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Proficient in MATLAB, Stata, LaTeX, Microsoft Word, Excel, and PowerPoint  
Introductory knowledge of Python

## REFERENCES

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### **JEFFREY M. WOOLDRIDGE**

MSU Department of Economics  
Marshall-Adams Hall  
486 W Circle Dr. Rm 110  
East Lansing, MI 48824  
Tel: 517-353-5972  
Email: [wooldri1@msu.edu](mailto:wooldri1@msu.edu)

### **KYOO IL KIM**

MSU Department of Economics  
Marshall-Adams Hall  
486 W Circle Dr. Rm 110  
East Lansing, MI 48824  
Tel: 517-353-9008  
Email: [kyookim@msu.edu](mailto:kyookim@msu.edu)

### **JOSEPH A. HERRIGES**

MSU Department of Economics  
Marshall-Adams Hall  
486 W Circle Dr. Rm 110  
East Lansing, MI 48824  
Tel: 517-355-2364  
Email: [jah@msu.edu](mailto:jah@msu.edu)