

# Mary Vansuch | Curriculum Vitae

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## Experience

**Math Teacher** – Kelly Miller Middle School August 2017 – Present

I teach math at Kelly Miller Middle School. I utilize a blended learning curriculum in order to differentiate instruction. I prepare lessons aligned to common core standards and teach an intervention block to refresh foundational skills. I have experience teaching all three grade levels and integrated special education classes.

**Corps Member** – Teach for America June 2017– Present

I taught a four week Algebra I summer course at Simon Gratz High School in Philadelphia, PA using the Common Core Standards and Curriculum. I created daily lesson plans and weekly assessments in order to work towards 80%+ mastery of standards for every student. Through Teach for America training, I completed over 100 hours of coursework and seminars in instructional planning, classroom management, learning theory, literacy, and diversity training.

**Teaching Assistant** –University of Chicago April 2017– June 2017

I provide feedback on students' progress in Introduction to Microeconomics, grading 76 students. I hold office hours to assist students.

**Statistics Director and ACT Mathematics Instructor**–Whatever It Takes (WIT) April 2014– June 2017

I teach mathematics for the ACT to high school juniors from Chicago Public Schools through the student organization WIT. This involved creating a weekly curriculum, explaining mathematical concepts, and clarifying test procedures to a classroom of approximately twenty to thirty students. As statistics director, I synthesize information regarding student performance and growth in order for us to evaluate the success of our program. We also entered WIT as a nonprofit into the Booth School of Business's College New Venture Challenge, and were selected as one of twelve start up companies and nonprofits to advance to the semi-finalist stage of the competition.

**Volunteer Tutor** – Strive Tutoring January 2016 – May 2017

I one-on-one tutor K-9 Chicago Public School students twice a week. My responsibilities include both formal academic subject tutoring and informal academic enrichment projects.

**Research Assistant** – Urban Innovation Analysis

January 2015 – May  
2017

I assist in research headed by University of Chicago Professor Terry Clark for an interdisciplinary project studying the impact of the arts on economic development and political movements. I analyze international, regional statistical data in Stata and SPSS. I also review relevant social science literature, and write qualitative analysis of changing demographic and economic and social patterns for zipcodes of interest. Additionally, I present findings in an accessible format.

**Data and Policy Analysis Intern** – Acumen, LLC

June 2016 – August  
2016

I provided analytical support for research and consulting projects for government clients. I managed and analyzed data in Stata, researched and interpreted changes in healthcare policy, and communicated findings. Primarily, I investigated the change in the enrollment of different types of insurance over time, comparing the statistical accuracy of a variety of surveys.

**Office of the Chief Economist Intern** – U.S. Department of Commerce

June 2015 – August  
2015

As an intern within the Economics and Statistics Administration's Office of the Chief Economist, I research and write reports regarding economic policy. This has included working with data in Stata, updating the Assess Costs Everywhere tool for businesses to be up-to-date with the latest research, and investigating how businesses are using natural capital to their advantage. The most significant report I assisted in research with was the "Utilization of Women-Owned Businesses in Federal Prime Contracting", detailing how and where federal government contracts discriminate against women-owned businesses. I also fact-check and write timely reports on an as-needed basis.

**Teaching Assistant** – Neighborhood Schools Program

February 2014 – June  
2015

I tutor and assist in classrooms at both Kenwood Academy and Ray Elementary school. I primarily instruct students in math, although I have occasionally tutored students in writing and social studies as well. This requires working with students to

assess their strengths and weaknesses, and adjust instruction accordingly to best convey new information.

**Research Assistant** – Harris School of Public Policy at the University of Chicago

September 2014 –  
December 2014

I assisted in behavioral economics research applied to early childhood education for Professor Ariel Kalil's Behavioral Insights in Parenting Lab. I reviewed economic literature, and I audited and analyzed data.

**Research Assistant** – Harris School of Public Policy at the University of Chicago

April 2014 –  
September 2014

I assisted in research regarding environmental economics for Assistant Professor Steve Cicala. I created python scripts to analyze weather and pollution data in ArcGIS, and I researched cap-and-trade policies.

## Education

**Johns Hopkins University** – Master of Science in Education, Baltimore, MD

August 2017 – August  
2019 (Expected)

**University of Chicago** – Bachelor of Arts, Economics and Statistics, Chicago, IL

September 2013 –  
June 2017

GPA: 3.53/4.0

Dean's List

Honors Thesis: *“Evaluating the Effects of Mandatory College Admissions Exams on College Enrollment and Completion”*

## Skills & Abilities

Stata, SPSS, Excel, R, Python, Classroom Management, Lesson Planning, Statistical Analysis, Research, Blended Learning, Teaching, Microsoft Office Suite