

# William Duncan, PhD

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CONTACT INFORMATION	Baker University Department of Mathematics 618 Eighth St. Baldwin City, KS, 66006	Assist. Professor of Applied Mathematics E-mail: <a href="mailto:contact@williamduncan.org">contact@williamduncan.org</a> Website: <a href="http://www.williamduncan.org">www.williamduncan.org</a> Phone: (913) 369-0076
EDUCATION	<b>University of Kansas</b> , Lawrence, KS. USA PhD in Economics Dissertation Supervisor: Dr. Donna Ginther Data Science Graduate Certificate <b>Oxford University</b> , Oxford, England. UK MSc in Global Governance and Diplomacy Dissertation Supervisor: Dr. Rodney Hall  <b>Baker University</b> , Baldwin City, KS. USA BS in Mathematics BA in International Studies and Music Senior Thesis Supervisor: Dr. Ryan Beasley	August 2016 – May 2021 University Graduate Fellowship  August 2012 – August 2013  August 2007 – May 2012
FIELDS AND EXAMS	Labor, Econometrics, Applied Microeconomics, Applied Econometrics Oral Comprehensive Exam: Passed (with Honors), Dec. 2019 Qualifying Exams: Passed Micro- and Macroeconomic Theory, Jan. 2018	
WORK EXPERIENCE	<b>Baker University</b> , Baldwin City, KS. USA. <i>Assistant Professor of Applied Mathematics</i>  <ul style="list-style-type: none"><li>• Teach 4-4 course load between Mathematics and Economics</li><li>• Serve on the Program Evaluation and Outcomes Assessment (PEOA) Committee</li><li>• Serve on the Educational Programs Committee (EPC)</li></ul> <b>Midwest Policy Institute</b> , Lawrence, KS. USA <i>Coordinator and Research Fellow</i>  <ul style="list-style-type: none"><li>• Coordinate undergraduate research projects</li><li>• Administer research scholarship program</li><li>• Direct policy initiatives and program streams</li></ul> <b>Baker University</b> , Baldwin City, KS. USA. <i>Math Center Coordinator</i>	August 2020 – present              August 2019 – present              August 2019 – July 2020  <ul style="list-style-type: none"><li>• Support students across a range of quantitative disciplines.</li></ul>

- Engage remedial math students who have fallen behind in work to help them catch-up on ALEKS.
- Manage a staff of math center tutors to conduct special study sessions for students in math classes from MA090 and College Algebra to statistics and Calculus.

WORKING PAPERS

- \*Job Market Paper: *Is There a Graduation Penalty to Starting in a Community College in Kansas?* (with Donna Ginther and Pat Oslund)
- \*The Impact of Women Legislators on State Welfare Outcomes
- \*Determinants of Pakistani Trade Policy: “Protection for Sale” and the Impact on Exports (With Adeel Malik)
- \*Loss of Company Headquarters: The Wage and Employment Effects of Mergers and Acquisitions (with Donna Ginther)
- \*Iraqi Labor Market: Terrorism and Endangerment Costs (with Asmaa Yaseen)
- \*Not Feeling Welcome: The 2016 Presidential Election and International Student Enrollments (with Hoa Vu)

CONFERENCE PAPERS AND PRESENTATIONS

- \*Duncan, William, “Is There a Graduation Penalty to Starting in a Community College in Kansas?”, *Missouri Valley Economics Association*, 10.8.2020.
- Duncan, William, “Loss of Company Headquarters: The Wage and Employment Effects of Mergers and Acquisitions”, *Midwest Economics Association*, 3.28.2020.
- \*Duncan, William and Donna Ginther, “The Impact of Women Legislators on State Welfare Outcomes”, *Southern Economics Association*, 11.23.2019.
- \*Duncan, William and Donna Ginther, “The Impact of Women Legislators on State Welfare Outcomes”, *Missouri Valley Economics Association*, 10.11.2019.
- \*Duncan, William and Adeel Malik, “Determinants of Pakistani Trade Policy: “Protection for Sale” and the Impact on Exports”, *Western Economics Association*, 07.01.2019.
- \*Duncan, William and Adeel Malik, “Determinants of Pakistani Trade Policy: “Protection for Sale” and the Impact on Exports”, *American Economic Association*, 01.06.2019.
- \*Yaseen, Asmaa and William Duncan, “Iraqi Labor Market: Terrorism and Endangerment Costs”, *Midwest Economics Association*, 03.24.2018.
- \*Duncan, William, “Nonviolence and Economic Consequences: A Case Study of Tunisia”, *Conflict Research Society*, 09.08.2016.

DEPARTMENT SEMINARS

- \*Duncan, William, Donna Ginther, and Pat Oslund, “Is There a Graduation Penalty to Starting in a Community College in Kansas?”, *University of Kansas*, 11.1.2019.
- \*Duncan, William, “Violent and Non-Violent Revolutions: Two Economic Channels”, *University of Kansas*, 4.24.2019.

AWARDS AND FELLOWSHIPS

- Oswald GTA Award 2020 - 2021  
University of Kansas
- Chancellor’s Outstanding GTA Award 2019 - 2020

University of Kansas  
 Research Assistantship Summer 2020  
 IPSR, University of Kansas Worked with Dr. Donna Ginther  
 Distinguished Educator 2018 - 2019  
 Baker University  
 Outstanding House Director 2019  
 Baker University  
 Doctoral Student Research Fund Fellowship Summer 2018  
 University of Kansas  
 Research Visitorship Summer 2017  
 Oxford Centre for Islamic Studies Worked with Dr. Adeel Malik  
 International Dissertation Enhancement Grant Summer 2017  
 University of Kansas  
 Graduate Summer Scholarship Summer 2017  
 University of Kansas Worked with Dr. Donna Ginther  
 Vice-Chancellor's Award Runner-Up 2013  
 University of Oxford  
 Outstanding International Studies Major 2011 and 2012  
 Baker University  
 Outstanding Senior 2012  
 Baker University

TEACHING  
 EXPERIENCE

**Baker University**, Baldwin City, KS. USA.  
*Assistant Professor of Mathematics*

August 2020 - present

- Differential Equations (Fall 2021)
- Introduction to R (Fall 2021)
- Advanced Applied Statistics (Spring 2021)
- Statistics I (Spring 2021)
- Statistics II (Spring 2021)
- Calculus I (Fall 2020)
- Labor Economics (Fall 2020)

*Adjunct Instructor, School of Professional and Graduate Studies* February 2014 - present

- Business Analytics
- MBA Statistics and Analytics
- Advanced Difference Equations
- Advanced Readings in Mathematics
- College Algebra

*Adjunct Professor, College of Arts and Sciences*

August 2017 - May 2020

- Intermediate Algebra (Fall 2017 - Spring 2019)
- Principles of Microeconomics (Spring 2020)
- Research Methods (Spring 2020)
- General Education Curriculum
  1. QS211 (Spring 2018) Decision Sciences
  2. QS311 (Fall 2019) Global Development Data
  3. QS311 (Fall 2017) International Risk Analysis
  4. QS411 (Spring 2018) International Decision-Making

**University of Kansas**, Lawrence, KS. USA.

*Graduate Instructor*

August 2018 – December 2019

- Intermediate Macroeconomics (Fall 2018, Spring 2019, Summer 2019)
- Development Economics (Fall 2019)

*Graduate Teaching Assistant*

Fall 2017 - Spring 2018; Spring 2020

- GTA for Econometrics (Spring 2020)
- GTA for Energy Economics (Spring 2018)
- GTA for Principles of Microeconomics (Fall 2017)

PROFESSIONAL MEMBERSHIPS	Mathematical Association of American	2019 – present
	American Economic Association	2017 – present
	Eastern Economic Association	2016 – present
	Econometric Society	2016 – present
	Midwest Economics Association	2015 – present
	Missouri Valley Economic Association	2015 – present
	Western Economic Association	2015 – present
	Conflict Research Society	2012 – present

TECHNICAL SKILLS

**Data Analysis Programming Languages:**  
 Stata (Advanced), R (Proficient), Python (Beginner), Matlab (Beginner)

**Scripting Languages:**  
 LaTeX (Proficient)

**Microsoft Suite:**  
 Word, Excel, PowerPoint (Proficient)

REFERENCES Available upon request.