

Divya Sadana

PERSONAL DATA

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CURRENT POSITION

Assistant Professor, Department of Economics, University of Wisconsin - Eau Claire, Aug 2022

EDUCATION

AUG 2015 - AUG 2022 Ph.D. in ECONOMICS, **Auburn University, AL**
GPA: 4.0/4.0

AUG 2015 - DEC 2016 M.S. in ECONOMICS, **Auburn University, AL**
GPA: 4.0/4.0

JUL 2011 - MAY 2013 M.A. in FINANCIAL ECONOMICS,
Gokhale Institute of Politics and Economics, Pune, India
FIRST CLASS HONORS

JUN 2007 - MAY 2010 B.A.(Hons.) in ECONOMICS,
ARSD College, Delhi University, India
FIRST CLASS HONORS

SPECIALIZATIONS

Environmental Economics, Health Economics, Labor Economics, Applied Econometrics, Economics of Crime

TEACHING INTERESTS

Undergraduate: Macroeconomics and Microeconomics (Introductory and Intermediate), Labor Economics, Health Economics, Environmental Economics, Money and Banking, Econometrics

Graduate: Labor Economics, Microeconomics (Core), Macroeconomics (Core), Health Economics and Microeconometrics

PAST POSITIONS

SPRING 2017-SUMMER 2022	<i>Graduate Instructor at AUBURN UNIVERSITY, AUBURN, AL, USA</i>
JAN 2014-JUN 2015	<i>Academic Associate at INDIAN INSTITUTE OF MANAGEMENT BANGALORE, INDIA</i>
MAY 2012-JUL 2012	<i>Research Analyst at RELIGARE ASSET MANAGEMENT COMPANY LTD., NEW DELHI, INDIA</i>
JUL 2010-JUL 2011	<i>Research Analyst at INVIGORATE INSUTRADE PVT. LTD., MUMBAI, INDIA</i>

TEACHING EXPERIENCE

FALL 2022	<i>ECON 316: Econometrics, University of Wisconsin - Eau Claire, Asst. Professor</i>
FALL 2022	<i>ECON 103: Principles of Microeconomics, University of Wisconsin - Eau Claire, Asst. Professor</i>
SPRING 2021-SUMMER 2022	<i>ECON 2020: Principles of Microeconomics, Auburn University, Graduate Instructor</i>
FALL 2020	<i>ECON 4000: Economics of Work and Pay, Auburn University, Graduate Instructor</i>
SPRING 2019-SUMMER 2020	<i>ECON 2020: Principles of Microeconomics, Auburn University, Graduate Instructor</i>
SPRING 2017-FALL 2018	<i>ECON 2030: Principles of Macroeconomics, Auburn University, Graduate Instructor</i>
FALL 2016	<i>ECON 3030: Intermediate Macroeconomics, Auburn University (Teaching Assistant for Dr. Liliana P. Stern)</i>
FALL 2015- SPRING 2016	<i>ECON 2020: Principles of Microeconomics, Auburn University (Teaching Assistant for Dr. Macy Finck)</i>

REFEREED PUBLICATIONS

“Effects of Early Childhood Exposure to Pollution on Crime: Evidence from 1970 Clean Air Act”, **Environmental and Resource Economics**, 2022.

WORKING PAPERS

“Does College Football Ranking Impact School Outcomes? An Empirical Analysis using Google Trends” with Sarthak S. Behera
“Differing Labor Supply: A Study on the Role of Culture” with Sarthak S. Behera
“Was the KORUS FTA a Horrible Deal?” with Hyeongwoo Kim, Madeline H. Kim and Jie Zhang
“Economic Analysis of Mosquito-Borne Diseases in the US” with Aditi Sengupta and Tanista Banerjee

WORK IN PROGRESS

“Impact of FMLA on Future Outcomes of Children” with Sarthak S. Behera
“The Effect of Import Competition in the United States on Parental Child Care”
“The Effect of Affordable Care Act Medical Expansion on Healthcare Utilization” with Sarthak S. Behera

CONFERENCE AND SEMINAR/WORKSHOP EXPERIENCE

JAN. 2022 Attendee, American Economic Association Meetings (*Scheduled - Virtual*)
NOV. 2021 Presenter, Southern Economic Association Meetings, Houston, TX
OCT. 2021 Presenter, Kentucky Economic Association Meetings, Owensboro, KY
JAN. 2021 Attendee, American Economic Association Meetings (*Virtual*)
NOV. 2020 Presenter, Southern Economic Association Meetings, New Orleans, LA (*Virtual*)
JUN. 2020 Presenter (Poster), American Society of Health Economists (ASHEcon)(*Virtual*)
JUN. 2020 Attendee, Western Economic Association International Meetings (*Virtual*)
JAN. 2020 Attendee, American Economic Association Meetings, San Diego, CA
NOV. 2019 Presenter, Southern Economic Association Meetings, Fort Lauderdale
OCT. 2019 Attendee, Midwest Econometrics Group, Columbus, OH
NOV. 2018 Presenter, Southern Economic Association Meetings, Washington D.C.
JUN. 2018 Attendee, IPUMS CPS 2018 Summer Data Workshop, University of Minnesota

GRANTS, HONORS AND AWARDS

2020 Graduate Travel Fellowship, Auburn University
2020-2021 Graduate School Council Senator, Auburn University
2019-2020
2019 IGP Faculty Research Initiation Grant (worth USD 10000), Auburn University
FALL 2015–SPRING 2020 Graduate Fellowship, Dept. of Economics, Auburn University
2010 Certificate for Academic Excellence in B.A.(Hons.) in ECONOMICS in DELHI UNIVERSITY

REFEREE SERVICE

Economic Inquiry
Environmental and Resource Economics
International Economic Journal

PROFESSIONAL AFFILIATIONS

American Economic Association (AEA)
Midwest Economic Association (MEA)
Western Economic Association International (WEAI)
American Society of Health Economists (ASHEcon)
Southern Economic Association (SEA)
Korea-America Economic Association (KAEA)
Kentucky Economic Association (KEA)

LANGUAGES

ENGLISH: Fluent
HINDI: Fluent

COMPUTER SKILLS

Proficiency: R, STATA, MATLAB, Python, \LaTeX ,
Excel, Word, PowerPoint, Access
Basic: GAUSS, SAS, SPSS, ARCGIS

REFERENCES

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Working Paper Abstracts

“Effects of Early Childhood Exposure to Pollution on Crime: Evidence from 1970 Clean Air Act” (Job Market Paper)

Abstract: Past literature has shown that 1970 amendments to the Clean Air Act (CAA) led to significant reduction in air pollution early 1970s, and that it had positive infant health consequences for the cohorts treated by CAA. Because effects of early childhood conditions are persistent, and the health effects can remain latent for years, CAA may impact the future adult outcomes. In this paper, I investigate the impact of the CAA on the future crime. In a difference-in-differences framework, I find that the cohorts that were born in the year of the CAA's first implementation commit fewer crimes 18 to 24 years later. The magnitude of this impact is about 4 percent. Property crimes rather than violent crimes are impacted. I also estimate that CAA reduced the ambient air pollution by 14 percent. These reduced form estimates suggest that a one percent reduction in air pollution reduces future crime rate by 0.3 percent.

Figure 1. National Trends in TSP Air Pollution in Nonattainment vs. Attainment Counties

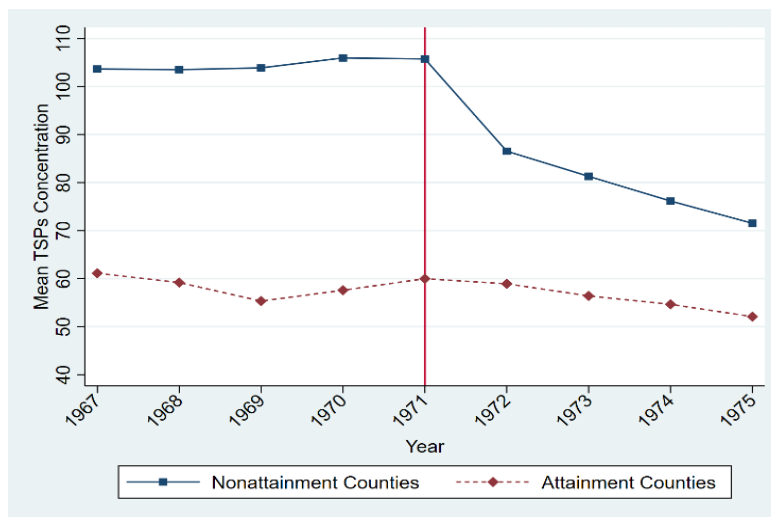
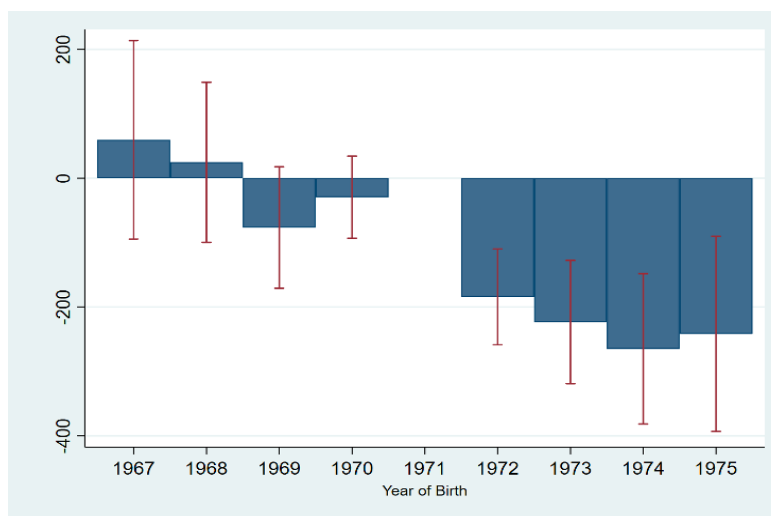


Figure 2. Event Study Analysis for Property Crime



“Does College Football Ranking Impact School Outcomes? An Empirical Analysis using Google Trends”

Abstract: Many papers in the past literature provide evidence on the impact of athletic performance on various school outcomes. This paper uses the weekly college football poll by the organization Associated Press (AP), to investigate the effect of a college team ranked in top 25 on various school outcomes such as revenues and expenses of school, coaches' salary and enrollment. The college football poll also known as AP poll conducts weekly voting to assign the teams certain points based on which these team are ranked. First, by exploiting the discontinuity arising due to the points of 25th ranked versus 26th ranked team, I verify the visibility of a school using google trends. Secondly, my results provide evidence of the impact of this visibility of being in top 25 on positive school outcomes.

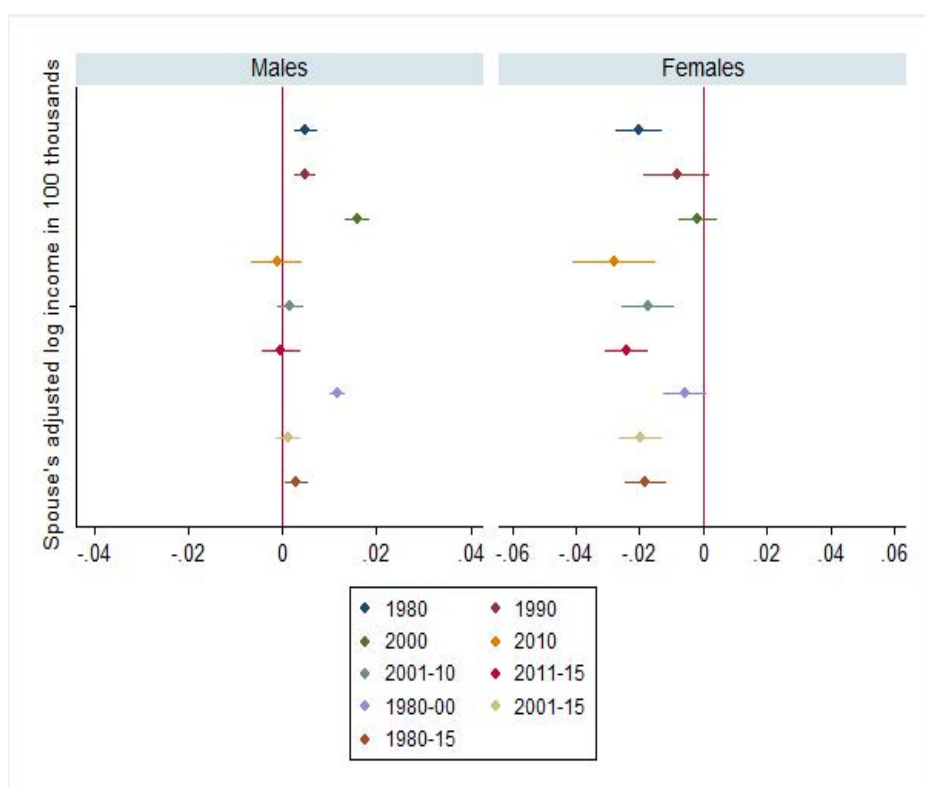
“Economic Analysis of Mosquito-Borne Diseases in the US” Joint with Aditi Sen-
gupta and Tannista Banerjee.

Abstract: Mosquito-Borne Diseases (such as Zika virus, Dengue, West Nile Virus, Chikungunya, and Yellow fever) are those spread by the bite of an infected mosquito. They pose a significant threat in the US, because they are spreading at an alarming rate especially due to the rise in the international travels and trade. The total number of reported cases of MBDs increased from 4,858 in 2004 to 47,461 in 2016. According to the CDC, there is a need for critical prevention and control capacities to deal with MBDs in the US. To determine how much should be invested in the prevention and control of these diseases, it is important to quantify the costs and economic burden associated with MBDs in the US. In this paper we do a comprehensive analysis of the economic burden of MBDs in the US with the recent data. In particular, we use patient level data to determine the medical and non-medical costs of MBDs like cost of health care, length of stay, and costs incurred by government agencies.

“Differing Labor Supply: A Study on the Role of Culture” Joint with Sarthak S. Behera.

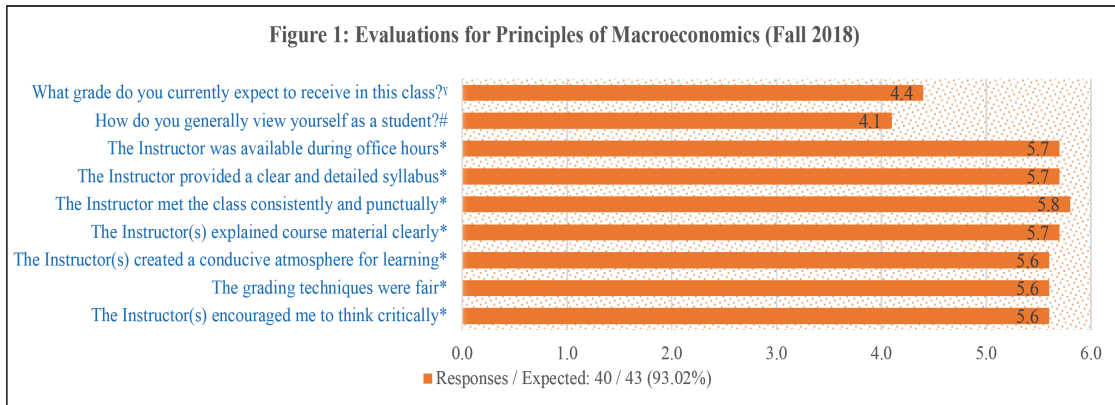
Abstract: In this paper, I study the role of peoples’ attitudes on their labor market behavior. Focusing only on immigrant and married couples, I investigate the effect of work-attitudes of a person to the labor market outcomes of his/her spouse. I show how source-country gender norms influence the labor supply of married women vs men in the US, if their spouses earn more. Historically, man has been associated as the primary earner in a family. I argue that culture might play a role in determining a person’s labor market outcomes. It induces an aversion to the situation of when the wife earns more than the husband. I show that husbands increase their work intensity both at extensive and intensive margins in the labor market, if their wives earn more and this effect is even more prominent if they are from a country where people have the traditional view that a man should earn more than his wife. However, wives do not exhibit any such behavior even if they are foreign-born. I argue that this irregularity is explained by the role that culture plays on forming labor market decisions. This result is important as it might be one of the possible explanations of the slowdown in the convergence of gender gap in the recent past.

Figure 4. Probability of Participation for non-US born Households in the Labor Mkt.



Teaching Evaluations

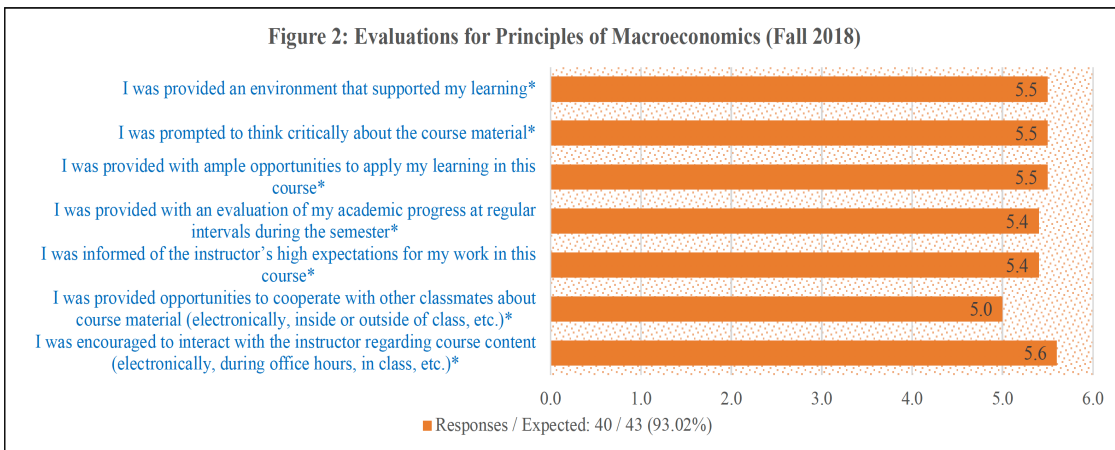
PRINCIPLES OF MACROECONOMICS



^{*}Responses format scale: Strongly Agree=6 Agree=5 Slightly Agree=4 Slightly Disagree=3 Disagree=2 Strongly Disagree=1.

²Responses format scale: Very Strong=5 Strong=4 Moderate=3 Weak=2 Very Weak=1.

¹Responses format scale: A=5 B=4 C=3 D=2 F=1.



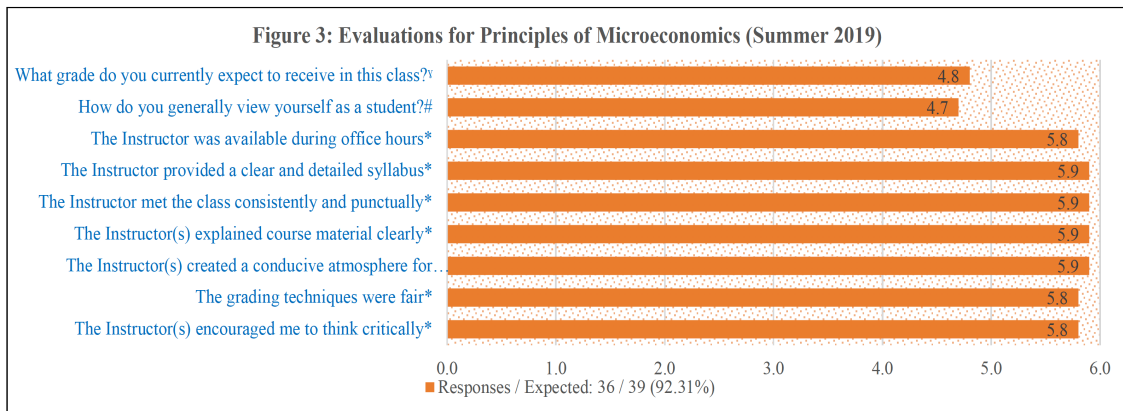
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Teaching Evaluations

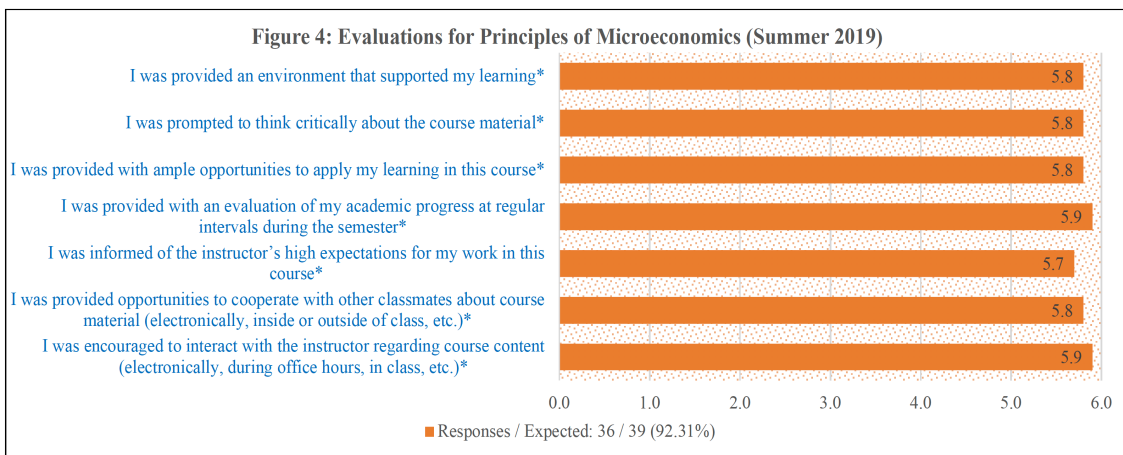
PRINCIPLES OF MICROECONOMICS



*Responses format scale: Strongly Agree=6 Agree=5 Slightly Agree=4 Slightly Disagree=3 Disagree=2 Strongly Disagree=1.

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