

# VASUNDHARA TANWAR

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## SUMMARY

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- Experience in performing econometric analysis using cross-sectional and time-series data
- Ability to develop and implement quantitative economic models
- Proficient in STATA and MATLAB
- Strong written and oral communication skills developed through research and teaching

## EDUCATION

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<i>Ph.D., Economics, University of Houston</i>	<i>May 2022(Expected)</i>
<i>M.S., Economics University of Wisconsin-Madison</i> Major: <i>Econometrics and Quantitative Economics</i>	<i>May 2017</i>
<i>M.Sc., Economics, TERI University-New Delhi, India</i> Major: <i>Environment and Resource Economics</i>	<i>June 2014</i>
<i>B.A.(Hons), Economics, Delhi University, India</i>	<i>June 2012</i>

## EXPERIENCE

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### Dissertation Research

#### *Migration and Remittance choice: The case of Mexican households [Job Market Paper]*

- Developed and Estimated a model of a family's decision making process for migrating and remitting
- Allowed for the expected wages and utility from remittance be the central factor driving the migration and remittance choice
- Estimated model using Maximum Likelihood

#### *Expenditure Smoothing with Balanced Budget Rules: U.S. State Governments 1975–2014 (with Xavier Bautista, Steve Craig, Yuhsin Hsu, Bent Sorensen and Priyam Verma)*

- Using panel data from U.S. state budgets, develop a quantitative model to study the spending and saving behavior of State Governments under borrowing constraints
- Estimate the model using indirect inference, to find the State governments behave in a manner consistent with risk averse consumers

### Research Experience

- Research Assistant, Hobby School of Public Policy, University of Houston *Aug 2020-May 2022*
- Research Assistant to Prof. Bent Sorensen, University of Houston
- Research Assistant for Prof. Kei-Mu Yi, University of Houston *Summer 2017, '18, '19, '20*
- Research Assistant to Prof. Steven Durlauf, University of Wisconsin-Madison *2016*
- Research Assistant to Prof. Poornima Varma, Indian Institute of Management-Ahmedabad *2014*
- Research Intern, National Council of Applied Economic Research, New Delhi *2013*

### Teaching Experience

*Instructor*

- Principles of Microeconomics, University of Houston
- Mathematics Bootcamp, University of Houston

*Fall 2019*  
*Summer 2018,19*

*Teaching Assistant*

- Policy Analysis II: Political Analysis, University of Houston
- Econometrics I (Ph.D. Core), University of Economics
- Probability and Statistics (Ph.D. Core), University
- Energy Economics, University of Houston

*Spring 2021*  
*Spring 2019*

## AWARDS AND SCHOLARSHIPS

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Presidential Fellowship (University of Houston)	<i>2017-2019</i>
<i>Graduate Tuition Fellowship (University of Houston)</i>	2017-2022
Economics Masters Research Scholarship(UW-Madison)	<i>2016</i>
<i>Certificate of Excellence- Highest GPA In M.Sc. Economics, Class of 2014</i>	2015

## EXTRA-CURRICULAR ACTIVITIES

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Economics Society of Kamala Nehru College, Senior Coordinator	<i>2011-12</i>
<i>Leaders for Tomorrow, core team Volunteer</i>	2009-10
<i>National Service Scheme, Volunteer</i>	2009-10

## SOFTWARE AND LANGUAGE SKILLS

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**Programs:** STATA; MATLAB; Julia; Qualtrics; Microsoft Office; L<sup>A</sup>T<sub>E</sub>X

**Languages:** Hindi (native); English (fluent); French (basic)