

VASUNDHARA TANWAR

Department of Economics, University of Houston ◊ 3623 Cullen Blvd. Houston, Texas, 77204
vasundhara.tanwar18@gmail.com ◊ Personal Website

SUMMARY

- Empirical research experience in econometric modelling with panel 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

| | |
|---|---------------------------|
| <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

Dissertation Research

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

- Develop and estimate model of family's decision making process for migrating and remitting
 - Expected wages and utility from remittances drive migration and remittance choice
 - Estimate 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 quantitative model to study spending and saving behavior of State Governments under borrowing constraints
- Estimate the model using indirect inference
- Find that State governments behave in manner consistent with risk averse consumers

Research Experience

- Research Assistant, Hobby School of Public Policy, University of Houston *Aug 2020-May 2022*
 - Assisted in designing and programming Economic Policy Survey for difference-in-difference study on political preferences
- Research Assistant to Prof. Bent Sorensen, University of Houston *Spring 2020*
- Research Assistant for Prof. Kei-Mu Yi, University of Houston *Summer 2017,'18,'19,'20*
 - Programmed and solved model studying gains from trade while accounting for sectoral heterogeneity across multiple dimensions
- 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 *Fall 2019*
- Mathematics Bootcamp, University of Houston *Summer 2018,19*

Teaching Assistant

- Policy Analysis II: Political Analysis, University of Houston *Spring 2021*
- Econometrics I (Ph.D. Core), University of Economics *Spring 2019*
- Probability and Statistics (Ph.D. Core), University *Fall 2018*
- Energy Economics, University of Houston *Fall 2017, spring 2018*

AWARDS AND SCHOLARSHIPS

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

EXTRA-CURRICULAR ACTIVITIES

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

SOFTWARE AND LANGUAGE SKILLS

Programs: STATA; MATLAB; Julia; Qualtrics; R; Microsoft Office; L^AT_EX

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

REFERENCES

Professor Kei-Mu Yi

Department of Economics
 University of Houston
 Phone: (713) 743-3331
 Email: kyi3@central.uh.edu

Professor Bent E. Sørensen

Department of Economics
 University of Houston
 Phone: (713) 743-3841
 Email: besorensen@uh.edu

Professor Aimee Chin

Department of Economics
 University of Houston
 Phone: (713) 743-3761
 Email: achin@uh.edu