

# Anubhab Gupta

Department of Agricultural and Applied Economics  
Virginia Tech  
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## Academic Appointments

Assistant Professor, Agricultural and Applied Economics, Virginia Tech	2020-present
Postdoctoral Scholar, Agricultural and Resource Economics, UC Davis	2019-2020

## Education

Ph.D., Agricultural and Resource Economics, University of California, Davis	2019
M.S., Applied Economics, The University of Arizona	2013
M.A., Economics, Delhi School of Economics, University of Delhi, India	2010
B.Sc. (Honors in Economics), University of Calcutta, India	2008

## Peer Reviewed Publications

(<sup>†</sup> denotes graduate students)

1. Sembene, M.<sup>†</sup>, Mills, B., and **Gupta, A.** "Economic costs of extreme heat on groundnut production in the Senegal Groundnut Basin." *Food Policy*, 136 (2025).
2. **Gupta, A.**, Doan, M.K., Zhu, H., Whitney, E., Filipski, M., Gonzalez-Estrada, E., Ryckembusch, D., and Taylor, J.E. "Rural Economy-wide Impacts of Kenya's Home-Grown School Meals Program." *Food Policy*, 134 (2025).
3. Das, N.<sup>†</sup>, **Gupta, A.**, Mingo, C., Zhu, H. "Impacts of Financial Literacy Training on Refugee Youth Outcomes" *The Journal of Development Studies* (2025).
4. Zhu, H., **Gupta, A.**, Filipski, M., Valli, J., Gonzalez-Estrada, E., Taylor, J.E. "Economic Impact of Giving Land to Refugees" *American Journal of Agricultural Economics*, 106(1) (2024): 226-251.
5. **Gupta, A.**, Zhu, H., Bhammar, H., Earley, E., Filipski, M., Narain, U., Spencer, P., Whitney, E. and Taylor, "Economic Impact of Nature-based Tourism." *PLOS One*, 18(4) (2023): e0282912.
6. Filipski, M., **Gupta, A.**, Kagin, J. et al. "A Local General-equilibrium Emergency Response Modeling Approach for Sub-Saharan Africa." *Agricultural Economics*, 53(1) (2022): 72-89.
7. **Gupta, A.**, Zhu, H., Doan, M.K., Michuda, A. and Majumder, B. "Economic Impacts of the COVID-19 Lockdown in a Remittance-dependent Region." *American Journal of Agricultural Economics*, 103(2) (2021): 466-485.
8. Zhu, H., **Gupta, A.**, Majumder, B. and Steinbach, S. "Short-term Effects of India's Demonetization on the Rural Poor." *Economics Letters*, 170 (2018): 117-121.

9. **Gupta, A.**, Kagin, J., Taylor, J.E., Filipowski, M., Hlanze, L. and Foster, J. "Is Technology Change Good for Cotton Farmers? A Local-economy Analysis from the Tanzania Lake Zone." *European Review of Agricultural Economics*, 45(1) (2017): 27-56.
10. Alloush, M., Taylor, J.E., **Gupta, A.**, Valdes, R.I.R and Gonzalez-Estrada, E. "Economic Life in Refugee Camps." *World Development* 95 (2017): 334-347.
11. Taylor, J. E., Filipowski, M., Alloush, M., **Gupta, A.**, Valdes, R.I.R and Gonzalez-Estrada, E. "Economic impact of refugees." *Proceedings of the National Academy of Sciences*, 113(27) (2016): 7449-7453.

## Working Papers

(<sup>†</sup> denotes graduate students)

1. Lin, J. and **Gupta, A.** "Effects of Staple Price Fluctuations on Urban and Rural Food Consumption." (2025) (R&R *Agriculture & Food Security*)
2. Zhu, H., **Gupta, A.**, Doan, M., and Michuda, A. "Temporal Fluctuations and Food Security: Addressing Misclassification Errors in Cross-Sectional Data." (2025) (R&R *Food Security*)
3. Islam, D., Davis, G.C., **Gupta, A.**, Okrent, A. "Food-at-Home or Food-Away-From-Home Price Increases: Which Has a Bigger Impact on Consumer Welfare Loss?" (2026) (Under review)
4. **Gupta, A.**, Taylor, J.E., and Davis, B. "Long-term Impacts of Poverty Programs: A Local-economy Cost-benefit Analysis of Lesotho's Child Grants Programm." (2025) (Under review)
5. Kagin, J., **Gupta, A.**, Taylor, J.E., et al. "Social Capital and Income Spillovers: Evidence from a Social Cash Transfer Pilot Programme in Ethiopia." (2025) (Under review)
6. **Gupta, A.**, Kumar, D.<sup>†</sup>, Qi, T.<sup>†</sup>, Kagin, J., Talor, J.E., and Krishnaswamy, S. "Cost of Inaction: Impacts of Reduced Food Assistance on Welfare Outcomes in Somalia and Uganda." (2025)
7. **Gupta, A.** "[General Equilibrium Impacts in Imperfect Agricultural Markets: Evidence from the Tanzanian Cotton Industry.](#)" (2024)
8. **Gupta, A.**, Taylor, J. E., Davis, B., Filipowski, M., Thome, K.E., Pellerano, L. and Niang, O. "[Unequal Cash Transfer Spillovers.](#)" (2023)

## Work in Progress

1. "The Interaction of Convenience and Market Structure in Food Markets" with G.C. Davis (Virginia Tech)
2. "Impacts of Typhoons on the Local Economy: An Analysis of New Nightlights and Household Electricity Data" with D. Kumar<sup>†</sup> (Virginia Tech) and C. Ta (UT Austin)
3. "Livelihood in a Climate-change Vulnerable Region: Evidence from the Sundarbans in India" with A. Michuda (Swarthmore), M. Doan (World Bank) and H. Zhu (World Food Programme)

4. "Does Training Farmers on Multiple Technologies Deter Adoption? Evidence from a Farm Management Training Program in Bangladesh" with N. Das<sup>†</sup> (Virginia Tech)
5. "Decomposing the Effects of Micro and Macro Factors on the Price of Food through Changes in the Prices of Food at Home and Food Away from Home" with A. Bhattarai<sup>†</sup>, G.C. Davis, and S. Stewart (Virginia Tech)
6. "Local Economy-wide Impact Evaluation of the Cash-based Transfer Programs in the Refugee Camps of Kenya" with D. Kumar<sup>†</sup> (Virginia Tech), J. Kagin (Kagin's Consulting), and J.E. Taylor (UC Davis)

## Policy Papers and Other Publications

1. Gupta, A., Lee, Y.<sup>†</sup>, and Macri, A. "Economic Impact of Using Fortified Rice in Cambodia's School Feeding Programme." World Food Programme, Phnom Penh. Cambodia. October, 2023.
2. Gupta, A. and Quaye, L-A.<sup>†</sup> "Cost-benefit Analysis of WFP's Food Assistance for Assets projects: Evidence from Rwanda and Zimbabwe" UN World Food Programme." April 5, 2022.
3. Kagin, J., Filipski, M., Fletcher-Taylor, J., Gupta, A., Lindsay, A., Taylor, J.E. and Whitney, E. "Simulating Local Rural-economy Impacts of COVID-19 and Policy Responses." UN Food and Agricultural Organization, August 25, 2021
4. Couauthor of report "[Banking on Protected Areas : Promoting Sustainable Protected Area Tourism to Benefit Local Economies.](#)" World Bank, Washington, DC.
5. Taylor, J.E., Zhu, H., Gupta, A., Filipski, M., Valli, J. and Gonzalez-Estrada, E. "[Economic Impact of Refugee Settlements in Uganda.](#)" *UN World Food Programme*, November 21, 2016.
6. Meenakshi, J. V., Banerji, A., Mukherji, A. and Gupta, A. "[Does Marginal Cost Pricing of Electricity Affect Groundwater Pumping Behaviour of Farmers?](#)" Project report submitted to *International Initiative for Impact Evaluation (3ie)* by *International Water Management Institute (IWMI)*, New Delhi, (2012).

## Professional Experience

- Consultant, World Bank, Washington D.C. Jan-May 2020
- Consultant, Kagin's Consulting, CA Oct-Dec 2019
- Consultant, WFP, Rome HQ, Italy May-Aug 2018
- Consultant, Kagin's Consulting, CA July-Nov 2016
- Research Assistant, UC Davis Jan-Dec 2016; June 2014-April 2015
- Research Economist, United Nations FAO May-Dec 2015
- Consultant, International Water Management Institute, New Delhi July 2010-June 2011
- Research Assistant, ICRIER, New Delhi May-July 2009

## Teaching

- AAEC 3204: International Agricultural Development and Trade (undergraduate level) (Fall 2025, 2023, 2022, 2021; Spring 2021) [Student Evaluation: 5.66/6]
- AAEC 4984/5154: Topics in International Development (Fall 2022, 2021, 2020) (undergraduate & M.S. levels) [Student Evaluation: 5.49/6]
- AAEC 6314: Topics in Applied Development Economics (Ph.D. level) (Fall 2024) [Student Evaluation: 5.67/6]
- AAEC 6984: Empirical Analysis of Markets and Policy (Ph.D. level) (Fall 2025, 2023; Spring 2022) [Student Evaluation: 5.82/6]

## Conference Presentations and Invited Seminars

- 2026: IIIT Delhi; IIM Calcutta
- 2025: IISER Bhopal; IIT Kanpur; University of Sydney
- 2023: North Carolina State University; WFP Country Office Cambodia; Keynote Speaker at Ministry of Education workshop Cambodia
- 2021: WFP Regional Bureau Nairobi, Kenya; Xavier University India
- 2020: UNU Wider Development Conference Mozambique; Virginia Tech; University of Auckland
- 2019: Delhi School of Economics; FAO Headquarters Rome; IIT Kanpur; Montana State University; UC Davis
- 2018: WFP Headquarters Rome; UC Davis
- 2017: AAEA Chicago; PacDev Riverside; UNU Wider Development Conference Mozambique
- 2016: AAEA Boston
- 2014: AAEA Minneapolis

## Field Experience

- 2025: 10 days in Char Fasson, Bhola, Bangladesh
- 2023: 10 days in Indian Sunderbans in West Bengal, India
- 2018: 1 month in Tharaka-Nithi, Kakamega, Kajiado, and Kilifi counties, Kenya
- 2016: 2 weeks in Lake Zone and Dar-es-Salaam, Tanzania; 2 months in Adjumani and Rwamwanja refugee settlements, Uganda
- 2015: 1 month in Nyabiheke, Gihembe and Kigeme refugee camps, Rwanda
- 2010: 3 months in Burdwan, Hugli, Nadia and N 24 Paraganas districts in West Bengal, India

## Grants

1. Cost of Inaction Study in Somalia and Uganda (2023-2024) as PI, Kagin's Consulting, Award Amount: \$36,262
2. Retaining Next Generation Farmers in the Senegal Groundnut Basin (2023-2027) as co-PI, USAID FTF Innovation Lab for Peanut, Award Amount: \$594,504 (Terminated)
3. Food at Home and Food Away from Home: The Welfare Effects (2023-2027) as co-PI, USDA NIFA, Award Amount: \$555,220
4. Social Protection and Resilience on Food Security Outcomes (2023-2024) as PI, Kagin's Consulting, Award Amount: \$27,500
5. Internship in Data Analytics in Agriculture, Community, and Rural Economics (2022-2027) as co-PI, USDA NIFA, Award Amount: \$748,412
6. Feed the Future Bangladesh Integrated Pest Management Sub-award (2022-2025) as PI, USAID, Award Amount: \$217,782 (Terminated)
7. Assessing the economic impact of cash-based transfers in RBN countries as PI, Kagin's Consulting, Award Amount: \$24,000
8. Measuring the costs and benefits of WFP Food Assistance for Asset as PI, World Food Programme HQ Rome (2021-2022), Award Amount: \$41,400
9. Simulating Local Rural-economy Impacts of COVID-19 and Policy Responses (2021-2022) as PI, International Development Research Associates (IDRA), Award Amount: \$10,000
10. Data Science for the Public Good: A CALS-VCE Collaboration Award as co-PI, Virginia Tech (2021), Award Amount: \$120,000

## Awards and Fellowships

1. Virginia Tech Innovative Research and Ethical Impact (IREI) Inaugural Fellow, Virginia Tech (2025)
2. CALS Global Opportunity Initiative (GOI) Fellow, Virginia Tech (2022)
3. Outstanding Graduate Student Teaching Award, UC Davis (2018)
4. Erika C.H. Meng Scholarship for Development Policy and Research, UC Davis (2018-19)
5. Blum Center PASS Research Grant, UC Davis (2018-19)
6. UC Davis and Humanities Graduate Research Award (2018-19)
7. Henry A. Jastro Research Award, UC Davis (2017)
8. Travel Award, UN University WIDER Conference (2017)
9. Graduate Student Fellowship, UC Davis (2013-2014)
10. E. Ray Cowden Scholarship, U Arizona (2011 & 2012)

## Professional Services

- Editorial Service:  
Associate Editor, *Agricultural Finance Review*, 2026-present
- Referee work:  
American Journal of Agricultural Economics, Applied Economic Perspectives and Policy, Asian Development Review, European Review of Agricultural Economics, Journal of Agricultural and Applied Economics, Journal of Development Effectiveness, Journal of Economic Behavior and Organization, Journal of Environmental Economics and Management, PLOS Global Public Health, PLOS One, Resource and Energy Economics, The Journal of Development Studies, The Indian Economic Journal, World Development
- Other Review: USAID Basis External Grant Reviewer, AAEA Selected Presentations
- AAEA Selected Presentations Committee (2024-present)
- AAEA South Asia Section Chair Elect (2025-26)
- AAEC Department Communications Committee, Virginia Tech (2023-present)
- AAEC Department Sub-Committee for Graduate Professional Development, Virginia Tech (2023-2024)
- AAEC Department Graduate Advisory Committee, Virginia Tech (2022-2025)
- Department Seminar Committee, Virginia Tech (2020-2023; as chair in 2022-23)
- ARE Department Representative, Graduate Student Association, UC Davis (2015-2016)

## Advising

### Advisor/Co-Advisor

1. Yoonjung Lee (Ph.D. Applied Economics, 2025; Placement: Research Economist, Korea Rural Economic Institute, Jeollanam-do, South Korea)
2. Nandini Das (Ph.D. Economics, expected 2026; Placement: Assistant Professor, Christopher Newport University, VA, USA)
3. Deepak Kumar (Ph.D. Applied Economics, expected 2026)
4. Maguette Sembene (Ph.D. Applied Economics, expected 2027)

### Committee Member

1. Kendyl Lewis (Ph.D. Applied Economics, expected 2029)
2. Bheom Seok Kim (Ph.D. Applied Economics, expected 2028)
3. Tao Qi (Ph.D. Applied Economics, expected 2027)
4. Sudip Adhikari (Ph.D. Applied Economics, expected 2027)
5. Anukul Bhattarai (M.S. Applied Economics, 2025)
6. Yunus Emre Karagulle (Ph.D. Applied Economics, 2024)

7. Jillian Hammond (M.S. Animal and Poultry Sciences, 2024)
8. Tuhinur Chowdhury (M.S. Applied Economics, 2023)
9. Momotaj Begum (M.S. Applied Economics, 2023)
10. Shruti Panda (M.S. Applied Economics, 2023)
11. Timothy Pierce (M.S. Applied Economics, 2022)
12. Yuanyuan Wen (M.S. Applied Economics, 2021)

## **Other Information**

Computer Skills: Stata 16.1, GAMS 49.3.0, SAS 9.2, R 4.4.3, L<sup>A</sup>T<sub>E</sub>X

Languages: English (fluent), Bengali (native), Hindi (fluent)

Nationality: Indian (U.S. H-1B visa)