

# UMMEY HONEY

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Google scholar: <https://scholar.google.com/citations?user=3vA5dmkAAAAJ&hl=en>

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ResearchGate: <https://www.researchgate.net/profile/Ummey-Honey>

## EDUCATION

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**PhD candidate in Applied Economics** May 2025 (Expected)  
Department of Agricultural Economics and Rural Sociology  
Auburn University  
CGPA 3.52

Major Courses: Microeconomics, Macroeconomics, Econometrics, Mathematical Economics, Micro econometrics, Food and Agricultural Policy, Theory of Agricultural Markets, Natural Resource Economics, Development Economics

**Masters in Agricultural Science** (Concentration in Agribusiness Management & Analysis)  
Tennessee State University August 2019  
CGPA 4.00

Major Courses: Statistics for research, Research methodology, Agribusiness management & market analysis, Environmental resources economics & management, Managerial Finance, Managerial Economics, Organizational behavior, Food and Fiber Economics, Agribusiness Strategies

**MS Thesis title:** Assessing Economic Impacts of Forestry and Forest Product Industries in Tennessee.

**Masters in Botany** (Plant Breeding & Tissue Culture)  
University of Dhaka, Bangladesh CGPA 4.00 2011

Bachelor of Science in Botany (Plant Science)  
University of Dhaka, Bangladesh 2009  
CGPA 3.80

## RESEARCH

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### JOURNAL PUBLICATIONS

Khanal R. A., Mishra S. K., **Honey U.** 2018. "Certified organic food production, financial performance, and farm size: An unconditional quantile regression

approach”. Land Use policy 78, 367-376.

AR Khanal, **U Honey**, O Omobitan 2020. Diversification through ‘Fun in the farm’: analyzing structural factors affecting agritourism in Tennessee. International Food and Agribusiness Management Review, volume 23, 105-120.

## **WORKING RESEARCH PAPERS**

1. **Ummey Honey, Adam Rabinowitz** and Joel Cuffey. Heirs Property and Food Access. (working paper)
2. **Ummey Honey**, Prokash Deb and Roshan Saha. 2024. Incorporating Food Access Indicators to Identify High Food Insecurity in the Delta Region. 2024. (Working paper)
3. **Ummey Honey**, Joel Cuffey. Assessing the effect of the New Markets Tax Credit program on the local food environment. (working paper)
4. **Ummey Honey**, Joel Cuffey. Assessing the effect of location-based development policies on local food environment. (Working paper)
5. **Ummey Honey**, Joel Cuffey. The effect of ‘redlining’ on the location of grocery stores in the USA. (Working Paper)
6. Joel Cuffey, **Ummey Honey** and Elezabeth Byrne. Food Loss Among Retailer and Distributors. (working paper)

## **CONFERENCE PRESENTATIONS**

1. **Ummey Honey**, Joel Cuffey. The impact of the state enterprise and federal empowerment zone programs on the local food environment. AAEA Annual Meeting, 2024, July 28-30, 2024. New Orleans LA.
2. **Ummey Honey**, Joel Cuffey. Assessing the effect of the New Markets Tax Credit Program on the local food environment. Southern Agricultural Economics Association’s Annual Meeting, 2024. Atlanta, GA.
3. **Ummey Honey**, Joel Cuffey. Assessing the impact of tax incentives on the local food environment. Southern Agricultural Economic Association, Annual Meeting 2023, Feb 4-8, Oklahoma City, Oklahoma, USA.
4. **Ummey Honey**, Aditya R. Khanal. Assessing structural factors affecting agritourism location in Tennessee, 51st Annual Meeting, Southern Agricultural Economics Association, 2019.
5. Aditya R. Khanal, Ashok K. Mishra, and **Ummey Honey**. Impact of diversification strategies on financial performance: A Multinomial Endogenous Switching Regression Approach. Agricultural & Applied Economics Association Annual Meeting, 2018
6. **Ummey Honey**, Aditya R. Khanal. 2019. “Assessing Economic Impacts of Forestry and Forest Product Industries in Tennessee” ARD 2019 (Association of 1890 Research Directors).
7. Omobitan, Omobolaji; Khanal, Aditya; **Honey, Ummey**. Examining Capital

Constraints and Financing Sources: How Do Small Farms Meet their Agricultural Spending and Expenses? Southern Agricultural Economics Association. 51st Annual Meeting, 2019.

8. **Honey U.**, Khanal. A., Tegegne F., and Adhikari S. 2018. Do Food Stamp Recipients Consume Healthy Foods? Findings from Nashville, Tennessee. Conference Proceedings: Global Food Security through Agricultural Transformation. Selected paper presentation, NAPA First Biennial Conference, May 26-27, Oklahoma City, USA.
9. **Ummei Honey**, Joel Cuffey. The effect of SNAP benefit-decrease on the grocery shopping of the low-income families. Accepted in the Southern Agricultural Economics Association's Annual Meeting, 2022. New Orleans, Louisiana. (Poster)
10. Aditya R. Khanal, Ashok K. Mishra, and **Ummei Honey**. Impact of diversification strategies on financial performance: A Multinomial Endogenous Switching Regression Approach. Agricultural & Applied Economics Association Annual Meeting, 2018. (Poster)
11. **Ummei Honey**, Aditya Khanal, Fisseha Tegegne, Suraj Adhikari, and Kofi Baryeh. Food Support/Assistance Recipients and Consumption Pattern: Findings from Low Income Families in Nashville Metro Area of Tennessee. 40<sup>th</sup> University-wide Research Symposium, 2018, Tennessee State University. (Poster)
12. **Ummei Honey**, Emmanuel Wallace, Aditya Khanal, Michael Crawford, Omobolaji Omobitan. Where 'Fun in the Farm' is Located in Tennessee? Examining Agritourism Location and Structural Factors. 128th Meeting of the Tennessee Academy of Science, 2018 And 41<sup>st</sup> University-wide Research Symposium, 2019, Tennessee State University. (Poster)

## **RESEARCH EXPERIENCE/ PROJECT**

**Research Assistant (2019-2024)**, Department of Agricultural Economics and Rural Sociology, Auburn University.

- Assessing the impact of tax incentives through NMTC on local food environment
- Assessing the impact of place-based policies on local food environment
- Heirs' property and food access
- Impact of residential and racial segregation on Alternative Financial Service locations
- Survey on food loss among retailers and Distributors in Alabama-Funded by Foundation for Food & Agriculture Research
- The Effect of SNAP Benefit-Decrease on Grocery Shopping behavior of Low-Income families.

**Research Assistant (2017-2019)**, Department of Agricultural Science, Tennessee State University.

- Certified organic food production, financial performance, and farm size: An unconditional quantile regression approach
- Impact of diversification strategies on financial performance of the farms: A

### Multinomial Endogenous Switching Regression Approach

- Diversification through ‘fun in the farm’: analyzing structural factors affecting agritourism in Tennessee –Funded by National Institute of food and agriculture (USDA-NIFA)
- Healthy Food Consumption Pattern among Low Income Families in Nashville Metro Area of Tennessee
- Estimating Economic Impacts of Forestry and Forest Product Industries in Tennessee – Funded by National Institute of food and agriculture (USDA-NIFA)
- Examining Capital Constraints and Financing Sources: How do small farms meet their agricultural spending and expenses- conducted primary survey.

**Scientific Officer (2011-2013)**, Bangladesh National Herbarium, Ministry of Forestry and Environment, Government of Bangladesh.

- Exploring and documenting the rare and endangered plant species of Bangladesh (Red Data Book)- Funded by Climate Change Fund, Government of Bangladesh.
- Propagation of Bread fruit through tissue culture

**Research Associate (2011)**, Plant Breeding & Biotechnology lab, Department of Botany, University of Dhaka, Bangladesh

- Development of stress tolerant Peanut (*Arachis hypogaea* L.) breeding lines using modern biotechnology. Funded by United States Department of Agriculture (USDA).

### GRANT WRITING EXPERIENCE

**Project Title:** The Effect of Government Place-based Policies on the Local Food Environment

Submitted to: Healthy Eating Research (HER) program, Robert Wood Johnson Foundation (RWJF)

Decision: Not selected for funding for 2024.

### TEACHING EXPERIENCE

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- Instructor: Principles of Macroeconomics, Fall 2024 (Class size 51)  
Department of Economics, Auburn University, AL.
- Teaching Assistant: Agricultural Law, Fall 2022 (Class size 71)  
Department of Agricultural Economics, Auburn University, AL.
- Teaching Assistant: Agribusiness Management, Fall 2018  
Department of Agricultural Science, Tennessee State University, Nashville, TN.
- Mentoring: Summer interns, 6 weeks project, Summer 2018  
Tennessee State University

- Mentor: TSU Verizon Innovative Learning Program for Youth of color, Summer 2019 Tennessee State University.

## **PROFESSIONAL EXPERIENCE**

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Senior Assistant Secretary Ministry of Public Administration, Government of Bangladesh	2013-2017
Assistant Commissioner (Land) Ministry of Land, Government of Bangladesh	2016-2017
Scientific Officer Bangladesh National Herbarium, Ministry of Forest and Environment, Government of Bangladesh	2011-2013

## **PROFESSIONAL TRAINING**

- Data Visualization Tools Training by Agricultural & Applied Economics Association (AAEA) and USDA Agricultural Marketing Services (AMS) Regional Food Business Centers. July 2024.
- Preparing for Future Faculty organized by Biggio Center, Auburn University, Fall 2024.
- Teaching with AI, on demand course offered by the Biggio center, Auburn University.
- Basic Responsible Conduct of Research Training. Stage 1 – RCR, Auburn University
- IRB # 2 Social and Behavioral Emphasis - AU Personnel, Stage 1 - Basic Course, Auburn University
- Best Management Practices for Nursery Plants. Tennessee State University Extension Program. Duration:1 month
- Foundation Training Course for Bangladesh Civil Service officials. (7th position). Duration:6 month
- Law and Administration Training Course for Bangladesh Administrative Service officials. (3<sup>rd</sup> position). Duration:5month
- Land Management, Survey and Settlement (2nd position). Duration:2 month
- Administration and Management Course (University of Putra. Malaysia). Duration:10 day

## **AWARDS**

- Selected to participate in the Data Visualization Competition (8 teams got selected from 24 applicant teams), Organized by the Graduate Student Section and USDA-AMS. Agricultural and Applied Economics Association Annual Meeting. New Orleans, LA. July 2024.
- Second place, graduate poster, social sciences, 41<sup>st</sup> University-wide Research Symposium, 2019, Tennessee State University.
- Second place, graduate poster, social sciences, 40<sup>th</sup> University-wide Research

Symposium, 2018, Tennessee State University.

- Graduate Student fund for attending conference, 2023, Department of Agricultural Economics and Rural Sociology, Auburn University, AL.
- Graduate Student Travel Award, 2019, Department of Agricultural Science, Tennessee State University.
- Dean's Award, 2010, for outstanding performance in undergraduate in the Department of Botany, University of Dhaka.
- Scholarship awarded for outstanding academic achievement in the high school completion exam.
- Research & Development Fund awarded on Tissue culture and Marketing of bread fruit with a socio-economic impact in Bangladesh mainly on forestation by the Ministry of Science and Technology of Bangladesh as Scientific officer of Bangladesh National Herbarium. 2010.
- 7th position on Foundation Training Course for Bangladesh Civil Service officials.
- 3rd position on Law and Administration Training Course for Bangladesh Administrative Service officials.
- 2<sup>nd</sup> position on Land Management, Survey and Settlement. Dhaka, Bangladesh

## **AFFILIATED ORGANIZATIONS**

- Member, Agricultural & Applied Economics Association (AAEA)
- Member, Southern Agricultural Economics Association (SAEA)
- Member, Southern Economics Association (SEA)
- President, Executive Committee 2020-2021, Bangladesh Student Organization at Auburn University (150 graduate student members).
- Member, Tennessee Academy of Science (TAS)
- Member, American Association for the Advancement of Science (AAAS)
- Minorities in Agriculture, Natural Resources, and Related Sciences (MANRRS)
- Member, Bangladesh Administration Service Association (BASA)

## **VOLUNTEERING**

Event Supervisor, Science Olympiad, Tennessee State University. 2018

## **SOFTWARE SKILL**

Stata, R studio, Python, MATLAB, SAS, Tableau, ArcGIS (Desktop, Pro, Online), LaTeX

## REFERENCE

Dr. Joel Cuffey  
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Agricultural Economics & Rural Sociology  
Auburn University  
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Dr. Wenying Li  
Assistant Professor  
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Dr. Aditya R. Khanal  
Associate Professor  
Department of Agricultural and Environmental Sciences  
College of Agriculture  
Tennessee State University  
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