

Modhurima Dey Amin

School of Economic Sciences
Washington State University
2020 Wilson Rd, Hulbert Hall 317
Pullman, WA 99164
<https://students.ses.wsu.edu/modhurima-amin/>

Updated: December 5, 2019
Citizenship: Bangladesh, F1 Visa
Eligible for STEM OPT
+1 (309) 750 5512
modhurima.amin@wsu.edu

EDUCATION	<p>Ph.D. in Economics, Washington State University 2015-May 2020 (Expected) Advisor: Jill J. McCluskey, Ph.D. Dissertation: <i>“Choices and Safety in the U.S. Retail Food Industry”</i> Chapters: 1. Can Income Predict Food Safety Risk in Retail Food Environments? 2. Predicting Access to Healthy Food in the United States with Machine Learning 3. Exclusivity and Impact of Releasing a New Variety in the U.S. Apple Market</p> <p>M.S. in Statistics, Washington State University 2017-May 2020 (Expected) Advisors: Abhishek Kaul, Ph.D. & Nairanjana Dasgupta, Ph.D. Project: <i>“Detection of multiple change points in high dimensional models”</i></p> <p>M.S. in Applied Financial Economics, Illinois State University 2013-2015 Advisor: Hassan Mohammadi, Ph.D. Capstone: <i>“Long-run relation and short-run dynamics in energy consumption-output relationship: International evidence from country panels with different growth rates”</i></p> <p>M.S. and B.S. in Economics, University of Dhaka, Bangladesh 2004-2009</p>
RESEARCH INTERESTS	<p>Primary: Applied Econometrics, Industrial Organization, Food Policy and Agricultural Marketing, Secondary: Change Point Regressions, Energy Economics</p>
PUBLICATIONS	<p>Amin, M.D., Badruddoza, S. and Rosenman, R., 2018. “Quality Differentiation Under Mixed Competition in Hospital Markets”. <i>Journal of Industry, Competition and Trade</i>, pp.1-12.</p> <p>Mohammadi, H. and Amin, M.D., 2015. “Long-run relation and short-run dynamics in energy consumption-output relationship: International evidence from country panels with different growth rates.” <i>Energy Economics</i>, 52, pp.118-126.</p>
MANUSCRIPTS UNDER REVIEW	<p>Amin, M.D., Badruddoza, S., McCluskey, J.J., “Predicting Access to Healthful Food Retailers with Machine Learning” <i>Food Policy</i>.</p> <p>Badruddoza, S., Amin, M.D., McCluskey, J.J., “Assessing the Importance of an Attribute in a Demand System: Structural Model versus Machine Learning” <i>American Journal of Agricultural Economics</i>.</p> <p>Amin, M.D., Badruddoza, S., Rosenman, R., “Corporate Social Responsibility and Product Differentiation” <i>Review of Industrial Organization</i>.</p>

CONFERENCE
PRESENTATIONS

* represents presentation by a co-author

Amin, M.D., Gallardo, R.K., McCluskey, J.J., “Exclusivity and Impact of Releasing New Variety in the U.S. Apple Market”
– *Agricultural & Applied Economics Association Annual Meeting*, Track Session. Kansas, July 2020

Amin, M.D., Badruddoza, S., and McCluskey, J.J., “Predicting Access to Healthy Food in the United States with Machine Learning.”
– *ASSA Annual Meeting–American Economic Association*, Selected Paper Session: Use of Machine Learning Algorithms (Econometric Modeling). San Diego, California, January 2020
– *Food Distribution Research Society Annual Meeting*, Selected Paper. Seattle, Washington, October 2019.

Amin, M.D., McCluskey, J.J., Mittelhammer, R.C., Oliver, H., and Wu, T.S., “Socioeconomic Influences on Food Safety Risks in Retail Food Environment.”
– *Agricultural & Applied Economics Association Annual Meeting*, Selected Paper Session: An Assessment of Food Safety from the Farm to the Consumer. Atlanta, Georgia, July 2019
– *Australian Agricultural & Resource Economics Society Annual Meeting*, Invited Paper, Melbourne, Australia, February 2019 *

Amin, M.D., Badruddoza, S., and Rosenman, R., “Corporate Social Responsibility and Product Differentiation under Mixed Competition.”
– *Agricultural & Applied Economics Association Annual Meeting*, Poster Session: Industrial Org./Supply Chain Management. Atlanta, Georgia, July 2019
– *Pacific Northwest Regional Economic Conference*, Selected Paper Session: Economics of Morality: Impacts of Illicit Crime and Social Responsibility Exhibited in Consumer Behavior. Seaside, Oregon, May 2019

Badruddoza, S., and **Amin, M.D.**, “Determining the Importance of an Attribute in a Demand System: Structural versus Machine Learning Approach.”
– *Agricultural & Applied Economics Association Annual Meeting*, Poster Session: Research Methods/Econometrics/Stats. Atlanta, Georgia, July 2019 *

Badruddoza, S., and **Amin, M.D.**, “Investment Decision and Portfolio Diversification by U.S., Dairy Farmers.”
– *Agricultural & Applied Economics Association Annual Meeting*, Poster Session: Agribusiness Economics and Management. Atlanta, Georgia, July 2019 *

Amin, M.D., and McCluskey, J.J., “Does Conventional Energy Price Induce Innovation in Renewable Energy? New Evidence from a Non-Linear Approach.”
– *Agricultural & Applied Economics Association Annual Meeting*, Invited Paper Session. Kansas, July 2020
– *Western Economic Association International Annual Meeting*, Selected Paper Session: Fossil Fuels in a Changing World. San Francisco, California, June 2019

Badruddoza, S., and **Amin, M.D.**, “Personal and Social Effects in Food Choice: The Case of GMO and Non-GMO Foods.”

- *Western Economic Association International Annual Meeting*, Selected Paper Session: Consumer Preferences for Environmental Goods. San Francisco, California, June 2019 *

Badruddoza, S., and **Amin, M.D.**, “Farmer’s Access to Finance and Agricultural Production: A Bayesian Approach.”

- *Academy of Economics and Finance Annual Meeting*, Selected Paper, St. Petersburg, Florida, February, 2019

Amin, M.D., and Badruddoza, S., “Country Income, Sources of Carbon Emission, and Counterfactuals.”

- *Agricultural & Applied Economics Association Annual Meeting*, Poster Session: Natural Resource Economics. Washington D.C., August 2018

TEACHING
EXPERIENCES

Instructor at Washington State University

EconS 102: Fundamentals of Macroeconomics	Enroll. 11	Summer 2019
EconS 335: Business Finance Economics	45	Spring 2019
EconS 101: Fundamentals of Microeconomics (Online)	55	Summer 2018
EconS 101: Fundamentals of Microeconomics(Online)	58	Summer 2017

Co-Instructor at Washington State University

EconS 311: Introductory Econometrics	Enroll. 41	Fall 2019
EconS 311: Introductory Econometrics (Online)	24	Fall 2019
EconS 311: Introductory Econometrics	37	Fall 2018
EconS 311: Introductory Econometrics (Online)	9	Fall 2018
EconS 311: Introductory Econometrics	43	Spring 2018
EconS 311: Introductory Econometrics	44	Fall 2017

Co-Developer at Washington State University

EconS 311: Introductory Econometrics Fall 2017-Summer 2018
with Vicki McCracken, Ph.D.
Platform: Panopto Video, Blackboard

Teaching Assistant at Washington State University

EconS 500: Macroeconomic Theory I (PhD Level) Fall 2016

Teaching Assistant at Illinois State University

Eco 438: Microeconometrics Fall 2014
Eco 439: Applied Time Series Econometrics and Forecasting Spring 2015

RESEARCH &
PROFESSIONAL
EXPERIENCES

Graduate Research Assistant, Washington State University Spring 2017
to Jill J. McCluskey, Ph.D.
Research: Investment in Renewable Energy

Graduate Research Assistant, Washington State University 2015-2016
to Randall T. Fortenbery, Ph.D.
Research: Input pricing (Barley, Organic Wheat), Industrial Hemp, Cannabis and Marijuana

Graduate Research Assistant, Illinois State University 2013-2014
to Hassan Mohammadi, Ph.D.
Research: Energy and electricity consumption and economic growth

	Management Trainee	2012-2013
	United Commercial Bank Limited, Bangladesh. Department: Credit and Foreign Exchange	
PROFESSIONAL SERVICES	Consulting Editor	
	<i>Practice Examples to Accompany Intermediate Economic Theory</i> , by Espinola-Arredondo, Ana, and Felix Muoz-Garcia, The MIT Press	2019
	<i>Intermediate Microeconomic Theory: Tools and Step-by-Step Examples</i> , by Espinola-Arredondo, Ana, and Felix Muoz-Garcia, The MIT Press	2019
	<i>Advanced Microeconomic Theory: An Intuitive Approach with Examples</i> , by Felix Munoz-Garcia, The MIT Press	2017
	<i>Strategy and Game Theory—Practice Exercises with Answers</i> , by Felix Munoz-Garcia and Daniel Toro, Springer	2016
	Reviewer	
	Association of Environment and Resource Economists, Summer Conference	2019
SCHOLARSHIPS	School of Economic Sciences Excellence in Research Award	2019
	Washington State University	
	Dr. Krautkraemer “Pay It Forward” Scholarship	2019
	Washington State University	
	Graduate and Professional Student Association Travel Grant	2019
	Washington State University	
	CAHNRS Fall Festival Scholarship	2018
	College of Agricultural, Human, and Natural Resource Sciences, Washington State University,	
	Scott M. Elliot Graduate Research Award for Best Capstone Project	2015
	Illinois State University	
	Economics Endowment for Graduate Student Excellence	2014
	Illinois State University	
	Sweden-Bangladesh Trust Fund Scholarship	2014
	Bangladesh	
	Government of Bangladesh Merit-based Scholarship	2004-2009
	University of Dhaka, Bangladesh	
SKILLS	Software: Stata with Mata, R, SAS, SQL, Mathematica, L ^A T _E X Languages: English (Fluent), Bangla (Native)	
LEADERSHIP & COMMUNITY SERVICE	Senator , Graduate and Professional Student Association at Washington State University	2019-2020
	Volunteer , Meals on Wheels-Pullman Community Council on Aging for Living Faith Fellowship Church	2019
	Mentor , Statistics: <i>Testing your claims workshop</i> for Lincoln Middle School, jointly organized by the American Mathematical Society & Washington State University	March 2018
	Volunteer , International Food Fair at Calvary Baptist Church, Normal, Illinois	October 2014
	Founding President , Bangladeshi Students Association at Illinois State University	2013-2015

REFERENCES

Jill McCluskey, Ph.D.
(PhD Dissertation Advisor)
School of Economic Sciences
Washington State University
Pullman, WA 99164-6210 USA
Office Phone: (509) 335-2835
email: mccluskey@wsu.edu

Ron Mittelhammer, Ph.D.
School of Economic Sciences
Washington State University
Pullman, WA 99164-6210 USA
Office Phone: (509) 335-4561
email: mittelha@wsu.edu

Vicki McCracken, Ph.D.
(Teaching Advisor)
School of Economic Sciences
Washington State University
Pullman, WA 99164-6210 USA
Office Phone: (509) 335-4728
email: mccracke@wsu.edu

R. Karina Gallardo, Ph.D.
School of Economic Sciences
Washington State University
Puyallup, WA 98371-4900 USA
Office Phone: (253) 445-4584
email: karina_gallardo@wsu.edu