

Katherine Fisher

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EDUCATION

Tufts University, Friedman School of Nutrition Science and Policy

Boston, MA

Master of Science in Food and Nutrition Policy and Programs

- Expected Graduation: May 2020
- GPA: 3.72
- Scholarship:
 - Friedman School of Nutrition Science and Policy Scholarship (September 2018)
- Collaborative Research:
 - US-Indonesian Research Experience for Students on Sustainable Adaptation of Coastal Areas to Environmental Change
 - Dates: September 2019 – August 2020

Texas A&M University

College Station, TX

Doctor of Philosophy in Agricultural Economics

- Incomplete degree due to transferring to Tufts University
- Dates of Attendance: August 2017 – May 2018
- GPR: 3.8
- Scholarships:
 - Excellence Fellowship (August 2017)
 - Cherry Fellowship (August 2017)

Bachelor of Science in Agricultural Economics

Concentration in Policy and Economic Analysis

Minor in Economics

- Degree Received: May 2017
- GPR: 3.769, *magna cum laude*
- Award:
 - Department of Agricultural Economics Outstanding Senior Award (April 2017)
- Scholarships:
 - Marsha Pyle Martin '70 Memorial Endowed Scholarship (August 2016)
 - Harvey E. Guinn Memorial Scholarship – Agriculture (August 2015)
 - College of Agriculture & Life Sciences Scholarship (August 2014)

RESEARCH INTERESTS

- Identifying potential health risks associated with typical food consumption patterns in locations facing complex emergencies due to natural disasters and climate change
- Examining food accessibility and availability in developing and underdeveloped economies

PROFESSIONAL EXPERIENCE

Jean Mayer USDA Human Nutrition Research Center on Aging

Boston, MA

03/2019 – 04/2019; 09/2019 – Current

Graduate Student Worker, Dietary Assessment Unit

- Conduct phone and in-person food recalls for the current studies at the HNRCA. Three to six 30-minute recalls are completed during a typical 4-hour shift.
- Record the study participant's food intake into the Nutrition Data System for Research (NDSR) software. These records require extreme attention-to-detail to ensure the greatest accuracy of data.
- Become familiar with current study protocols, some of which have been multi-year studies. At any given point, there are between two and six studies, all of which have their own protocol and collection process depending on the goal of the study.
- Conduct randomized quality assurance tests on completed records.
- Prepare food and nutrient reports at the end of each study phase to deliver to the research coordinators and responsible laboratories.
- Learn what updates were made to the NDSR software with each year's new release. There are currently three active versions of the software, each one with a specific reporting process to understand in order to effectively record participants' information.

USDA Economic Research Service

Washington, D.C.

05/2019 – 08/2019

Pathways Intern, Economist

- Cleaned, managed, and analyzed four datasets. Data were from FDA Center for Veterinary Medicine (CVM) and were collected prior to the start date with the agency.
- Examined previously written code used to scrape the data from the FDA CVM website and modified the code according to my project's needs. Manually entered observations that the code missed.
- Conducted a literature review on the impact of the animal pharmaceutical industry's consolidation on drug approvals and innovation.
- Refined data analysis skills in R through Datacamp's online tutorials. Completed three lessons on ggplot2 package and received certificates for them, as well as four other completed tutorials.
- Presented the data process and preliminary research findings to the agency at the end of the semester.

Office of Student Affairs, Friedman School of Nutrition Science and Policy

Boston, MA

09/ 2018 – 05/2019

Graduate Student Worker

- Assisted the school registrar with managing confidential information, such as organizing student files and updating transcripts.
- Composed a weekly newsletter of events, job announcements, and career services that was sent out to all faculty, students, and staff at the university. Updated the school website with all new information included in the newsletters.
- Helped the Office of Student Affairs with organizing two annual events: The Admitted Student Open House (in April) and Orientation (in August).

- Filed application documents for the Director of Admissions. These documents included transcripts, test scores, letters of recommendation, and printed copies of completed online applications.

Agricultural Economics Graduate Department, Texas A&M University

College Station, TX

08/2017 – 05/2018

Graduate Student Teaching & Research Assistant

- Assisted the Department Head, Dr. C. Parr Rosson, as his teaching assistant in Fall 2017 for his International Trade & Agriculture undergraduate course. Primary responsibilities included weekly office hours, grading assignments, and updating students' grades on course website.
- Conducted research with Dr. Desmond Ng in Spring 2018, as well as graded exams for his undergraduate agribusiness course. Primary responsibilities included weekly office hours, grading assignments, and updating students' grades on course website. The research was primarily collecting financial data on non-profits from an online database and combining datasets for future graduate students to use.

AgriLogic Consulting, LLC

College Station, TX

10/2016 – 05/2018

Quantitative Analyst Intern

- Extracted competitors' rates from PDFs and formatted them into an Excel spreadsheet. These rates were then used to calculate the new rates for the upcoming insurance year using Excel macros.
- Supported office staff with drafting quarterly and annual performance reports on private insurance programs.

Agricultural Economics Undergraduate Department, Texas A&M University

College Station, TX

01/2015 – 12/2015; 08/2016 – 10/2016

Undergraduate Student Teaching Assistant

- Assisted the Fundamentals of Agricultural Economics Analysis professor in Spring 2015, Fall 2015, and Fall 2016 semesters. Primary responsibilities included grading and recording weekly assignments and attending at least four two-hour labs each week to assist students in learning how to perform Excel functions.

Farm Credit Administration

McLean, VA

05/2016 – 08/2016

Pathways Intern, Examiner

- Researched historical commodity prices in a team of five interns and collectively made forecasts for the next two years.
- Presented commodity forecast findings as a team at the annual Farm Credit Administration Credit Conference in Bloomington, MN at the end of the summer.
- Learned how to conduct loan stress-tests and how to apply the five credit factors (character, capital, capacity, collateral, and condition) to institutional reviews.
- Analyzed the credit quality and compliance of the Farm Credit System's institutions. Made two trips during the summer to the location of the institution under review.

National Farmers Union

Washington, D.C.

01/2016 – 05/2016

Quantitative Analyst Intern

- Attended House and Senate hearings to gather information for National Farmers Union (NFU) staff projects and reports.
- Wrote blog posts, memorandums, and fact sheets for the Board of Directors and members of NFU.
- Composed a comment on USDA's 2016-2020 Environmental Justice Strategic Plan, in which the views of NFU members were expressed.

PROFESSIONAL ORGANIZATION

American Society for Nutrition

Student Member

03/2019 - Current

- Attended Nutrition 2019 Conference from June 8th – June 11th.

PRESENTATIONS

Support of Massachusetts Bill H.1846

- When: September 24, 2019
- Venue: Public Hearing, Joint Committee on Public Health, The 191st General Court of the Commonwealth of Massachusetts
- Type of Presentation: Written Testimony
 - Note: I co-authored the written testimony with two classmates, one of whom gave oral testimony for our group at the public hearing.

“Industry’s Consolidation Impact on Drug Approvals in Animal Pharma”

- When: August 13, 2019
- Venue: Intern Research Seminar, USDA Economic Research Service
- Type of Presentation: Oral
- Length of Presentation: 1 hour

“How and When do Children Inherit Bad Nutrition and Physical Activity Habits?”

- When: April 2017
- Venue: Symposium for Agricultural and Applied Economics Research, Texas A&M University
- Type of Presentation: Poster
- Length of Presentation: 1 hour

“Factors that Influence the Health Status and Dietary Choices of School-Aged Children”

- When: March 2017
- Venue: Student Research Week, Texas A&M University
- Type of Presentation: Oral
- Length of Presentation: 15 minutes to present; 5 minutes for questions

LEADERSHIP

Student Research Conference Committee, Tufts University

Co-Director

09/2018 – Current

LOGISTICS:

- Plan the annual Future of Food and Nutrition Graduate Student Research Conference at Tufts University, Friedman School of Nutrition Science and Policy. This conference takes place each year at the beginning of April and hosts approximately 200 students from 50 different universities across the country.
- Secure the keynote speaker, panelists, and faculty moderators for the conference day and communicate conference day logistics to them throughout the academic year.

COLLABORATION SKILLS:

- Manage a team of 13 members, four of which are directors of the three subcommittees: Abstracts, Communications, and Logistics.
- Recruit new members and deputy directors at the start of each academic year.
- Train the deputy directors in their positions throughout the year so they are equipped to take the place of the current directors the following academic year.

Other membership roles:

- Alpha Chi Omega, *Alumna* (09/2013 – Current), *VP of Membership Programming* (09/2013 – 01/2014)
- Graduate Student Association, Texas A&M University, *Member* (08/2017 – 05/2018)
- Aggie Mentor Program, Texas A&M University, *Mentor* (04/2015 – 01/2016)
- AGEC Quiz Bowl, Texas A&M University, *Member and Competitor* (01/2015 – 01/2016)
- Summer Training in Agriculture and Related Sciences Camp, Texas A&M University, *Camp Counselor* (06/2015)

SKILLS

Language:

- Spanish (basic proficiency)

Computer:

- R (advanced)
- STATA (intermediate)
- SAS (novice)
- Tableau (novice)
- Microsoft Office Suite: Excel, Word, PowerPoint, Outlook, Publisher (advanced)