Name: Sarangoo (Sarah) Ganbat

School: The Ohio State University

Years of Enrollment: July 2023 – June 2028

Contact: Ganbat.3@osu.edu | 1-845-633-2573

I am a third-year PhD student in Agricultural, Environmental, and Development Economics at The Ohio State University. My graduate studies focus on agricultural and environmental economics, with research examining farmers' technology adoption and risk management, with an emphasis on the U.S. Midwest. I have been enrolled in the PhD program since Summer 2023 and have completed core sequences in microeconomics, macroeconomics, and econometrics, as well as advanced applied econometrics and applied welfare economics.

In the wake of artificial intelligence and large language models such as ChatGPT, there is growing evidence that humans are becoming increasingly dependent on AI in their decision-making processes. However, this area remains relatively understudied, particularly in agricultural contexts. My current research explores how and to what extent farmers use AI tools like ChatGPT in their daily operations and decision-making. This work is part of a broader multidisciplinary project titled "*Enabling Farmer Discovery and Managing Critical Tradeoffs with the Emergence of National-Scale Carbon Markets*," funded through USDA's Sustainable Agricultural Systems (SAS) Program. My advisors are Prof. Elena Irwin and Prof. Brent Sohngen.

The NBER Digital Economics and AI Tutorial would directly support my research on how artificial intelligence shapes economic decision-making. It would strengthen my ability to apply cutting-edge methods in AI-related empirical work and connect me with scholars leading this rapidly evolving field.

Curriculum Vitae

EDUCATION

Ph.D. (Agricultural, Environmental, and Development Economics)

Expected June 2028 Ohio State University, OH, USA

Master of Arts (Economics)

2021-June 2023 Central European University, Vienna, Austria

OSUN Mobility Program - Master of Science (Environmental Science)

January-May 2023 Bard College, NY, USA

Master of Public Administration (Public Policy & Management)

2014-2016 Virginia International University, VA, USA

Bachelor of Business Administration (Public Finance)

2006-2010 National University of Mongolia, Ulaanbaatar, Mongolia

WORK EXPERIENCE

Consultant – Joint Vienna Institute (JVI), Vienna, Austria 09/2021-12/2023

- Conducted various data analyses in support of the JVI's training offerings
- Supported the JVI's work program planning and delivery

Capacity Development Assistant – Institute for Capacity Development (ICD), IMF, Washington D.C. 10/2017-09/2021

- Administered ICD's training on macroeconomic policies to officials of the IMF's member countries
- Managed divisional resource allocation plans

Public Info Assistant – Fairfax County Economic Development Authority, VA, USA 08/2016-06/2017

- Helped manage an office of 50 employees
- Coordinated, and responded to, complex information requests by the general public
- Saved 33% of the FCEDA's annual kitchen supply cost through renegotiations with the vendor

Research Internship – Fairfax County Government, VA, USA 09/2015-12/2015

- Researched and analyzed community services data provided by the Fairfax County Government in Annandale and Bailey's Crossroad's and developed handout summarizing service indicators
- Provided administrative support for the Community and Faith Program Manager in arranging *Prevention of Domestic Violence* sessions for Fairfax County Community Faith Leaders (80 participants)

Budget Officer – Ministry of Finance of Mongolia, Ulaanbaatar, Mongolia
09/2010-01/2014

- Provided analysis that helped reduce subsidy expenditures in the Ministry of Agriculture's portfolio by 18%
- Negotiated with Ministry of Education staff to new joint guidelines for efficient public-school expenditures
- Delivered budgeting report and analysis direct to the Finance Minister and other Executives
- Provided policy review on fiscal affairs to the Director of the Fiscal Policy Department and Directors of the Budget Revenue & Expenditure Divisions
- Performed testing on a new fiscal planning database software (Budget System)
- Gathered a variety of data and information to identify budgeting outcomes and the development of best practices for appropriating funds
- Managed project on developing staffing norms for public schools and kindergartens of Mongolia
- Reviewed and provided feedback on 100+ laws, government regulations, and resolutions

Internship – Ministry of Finance, Ulaanbaatar, Mongolia **01/2010-04/2010**

- Translated from Russian and English into Mongolian and archived government debt documents of 7 decades (*1940-2009*)

CERTIFICATES

Human Resources Management (Fundamentals)
July 2020 Fairfax County Public Schools, VA, USA

JAVA Programming (Intermediate)
April 2019 Northern Virginia Community College, VA, USA

AWARDS

"Iconic Women Creating a Better World for All"
July 2019 Women Economic Forum, Perth, Australia

Honor Student (President's List)
May 2016 Virginia International University, VA, US