

Sionegael Ikeme

+1-720-800-5198 | sionegael.ikeme@colostate.edu

[in](#) sionegael-ikeme | [G](#) sikeme10 | [Google Scholar](#)

Fort Collins, Colorado, United States

EDUCATION

Ph.D. Candidate in Agricultural and Resource Economics <i>Colorado State University</i>	2022 – Present Fort Collins, USA
M.Sc. in Agricultural Engineering <i>L'Institut Agro (Agrocampus Ouest)</i>	2022 Rennes, France
M.Sc. in Applied Economics <i>Korea University</i>	2021 Seoul, South Korea
International M.Sc. in Rural Development <i>Ghent University</i>	2021 Ghent, Belgium
B.Sc. in Agricultural Engineering <i>L'Institut Agro (Agrocampus Ouest)</i>	2019 Rennes, France
French Preparatory Class in the Scientific Field (BCPST) <i>Lycée Thiers</i>	2018 Marseille, France

RESEARCH AND WORKING EXPERIENCE

Research Assistant <i>Colorado State University</i>	2023 – Present Fort Collins, USA
JRC Scientific Trainee <i>European Commission Joint Research Centre</i>	April 2025 – July 2025 Seville, Spain
Research Intern <i>INRAE (Institut National de Recherche pour l'Agriculture, l'Alimentation et l'Env.)</i>	March 2022 – August 2022 Rennes, France
Research Intern <i>Nonghyup Future Research Institute</i>	April 2021 – June 2021 Seoul, South Korea
Intern <i>TERRENA</i>	June 2020 – July 2020 Ancenis, France

TEACHING EXPERIENCE

Guest Lecturer <i>Colorado State University</i>	2025 Fort Collins, USA
<ul style="list-style-type: none">Agricultural Production and Cost Analysis (AREC 605, graduate level) — module on international trade and modeling topics.Trade Economics (AREC 415) and Microeconomics (AREC 202) — gravity models and microeconomics.	
Teaching Instructor and Teaching Assistant <i>Colorado State University</i>	2022 – 2025 Fort Collins, USA
<ul style="list-style-type: none">Teaching assistant: Agricultural Production and Cost Analysis (AREC 605, graduate level).Online instructor: Agricultural Marketing (AREC 310); Agribusiness (AREC 224).	

PEER-REVIEWED PUBLICATIONS

J = JOURNAL

- [J] Ikeme, S., Countryman, A., Manning, D., & Charlton, D. (2025). **WTO vs. TRAINS: A Quantitative Comparison of Time-Varying Ad-Valorem Equivalents for Non-Tariff Trade Measures**. *Applied Economic Perspectives and Policy*. DOI: 10.1002/aep.70039
- [J] Doebeling, T., Ikeme, S., & Countryman, A. (2025). **Tariff Troubles: Repercussions of Protectionist Policies on U.S. Agriculture and the Trade Deficit**. *The World Economy*. DOI: 10.1111/twec.13731

[J] Charlton, D., Manning, D., Countryman, A., & Ikeme, S. (2024). **U.S. Employment Exposure to Agricultural Trade Policy**. *Applied Economic Perspectives and Policy*. DOI: 10.1002/aapp.13503

WORK IN PROGRESS

S = SUBMITTED C = CONFERENCE P = IN PROGRESS

[P] Ikeme, S., Ciaian, P., & Antonielli, F. (2025). **Sustainable Labelled Food Purchases During the Inflation Period in the EU**.

[C] Charlton, D., Manning, D., Countryman, A., & Ikeme, S. (2024). **Effects of NAFTA on Rural U.S. Employment and Wages**.

[P] Ikeme, S., & Chenarides, L. (2024). **Demand for Medicine and Diet: The Case of Diabetes**.

[C] Ikeme, S., & Cleary, R. (2024). **Diet Change and Diabetes Diagnosis**.

[C] Ikeme, S., & Han, D. (2021). **The Impacts of EU Integration on Food Production in Baltic Countries**. *Conference Paper, 2021 AAEA Annual Meeting, Austin, TX*. DOI: 10.22004/ag.econ.313989

CONFERENCE PRESENTATIONS

WTO vs. TRAINS: A Quantitative Comparison of Time-Varying Ad-Valorem Equivalents for Non-Tariff Trade Measures

- IATRC Summer Symposium, Seville, Spain 2025
- Allied Social Science Associations (ASSA) Annual Meeting, San Francisco, USA 2025
- IATRC Annual Meeting, Fort Lauderdale, USA 2024
- 27th Annual Conference on Global Economic Analysis (GTAP), Fort Collins, USA 2024

The Impact of Non-Tariff Barriers on Agricultural Labor

- IATRC Winter Symposium, Washington, D.C., USA 2025

Does a Diabetes Diagnosis Cause Low-Income Households to Improve the Healthfulness of Their Purchases?

- Agricultural and Applied Economics Association (AAEA) Annual Meeting, New Orleans, USA 2024

The Impact of EU Integration on the Agricultural Output of Baltic Countries

- Agricultural and Applied Economics Association (AAEA) Annual Meeting, Austin, USA 2021

HONORS AND AWARDS

IATRC Conference Scholarship Recipient 2024–2025

International Agricultural Trade Research Consortium (IATRC)

GTAP Conference Scholars Program Participant 2024

Global Trade Analysis Project (GTAP)

Master's Thesis Award — Exploration Prize 2021

Korea Rural Economic Institute (KREI) / Korean Society of Agricultural Economics

Best Scientific Poster Award 2019

L'Institut Agro (Agrocampus Ovest)

SERVICE AND PROFESSIONAL ACTIVITIES

- **Vice President for Technology Fees:** University Charges for Technology (UCFT) Committee; voting decisions on fee allocation.
- **Manuscript Referee:** *Applied Economic Perspectives and Policy*; *American Journal of Agricultural Economics*.
- **Abstract Reviewer:** GTAP Annual Conference, 2025.

CERTIFICATIONS

- **GTAP 101 Course:** Introduction to Computable General Equilibrium Modeling in the GTAP Framework. 2024

SKILLS

- **Programming:** Advanced: R, Python, Stata; Intermediate: SPSS, SAS, SQL.
- **Software:** MS Office (Excel, Word, PowerPoint, Access); Overleaf (L^AT_EX).
- **Modelling:** GEMPACK (GTAP framework); GAMS (Aglink-Cosimo).
- **Data Science & Machine Learning:** Supervised learning methods (e.g., random forests).
- **Languages:** French (native), Japanese (native), English (C1, TOEFL certified), German (B1), Korean (A2).

PROFESSIONAL MEMBERSHIPS

- **Student Member:** Agricultural & Applied Economics Association (AAEA).

ADDITIONAL INFORMATION

Interests: Traveling and badminton. Extended international experience: Japan (12 years), Hong Kong (4 years), France (5 years), South Korea (1 year), Belgium (6 months), Slovakia (6 months), United States (3 years).