**SUMMARY OF MEETING MINUTES**

This was the first annual meeting of the project. Participants gave an overview of the research they are conducting and avenues for incorporating mobility data. Then a discussion was held about opportunities for collaboration between group members on projects related to NE2204. A plan was developed to hold monthly check-in meetings to continue progress toward achieving the primary FY 2025 goals of:

* Identifying applications for mobility data within each participant’s research areas
* Collaborating on research regarding food access and retailing utilizing mobility data

**ACCOMPLISHMENTS**

**Peer-Reviewed Publications**

**Connolly, Cristina**., Graziano, Marcello., and **Steinbach, Sandro.** (2024). “David versus Goliath? The Impact of Corporate Expansion in the Alcohol Retail Industry on Incumbent Small-Scale Retailers.” *Journal of Wine Economics*. (Forthcoming).

**Connolly, Cristina.**, Cusack, Carolanne, Morzillo, Anita T., and Charles Towe. (2024). Challenges Facing Agritourism: How Are Producers Coping. *Choices*. 39(3).

**Connolly, Cristina.**, Klaiber, A. (2024). Location Choice and Food Tradeoffs: Does Local Matter. *Land Economics*. 100(3).

**Steinbach, Sandro** (2024). “The Corporatization of Veterinary Medicine: An Empirical Analysis of Its

Impact on Independent Practices*,” Journal of the Agricultural & Applied Economics Association*. (Forthcoming).

Awokuse, Titus , Lim, Sunghun, Santeramo, Fabio and **Sandro Steinbach**. (2024). “Robust Policy Frameworks for Strengthening the Resilience and Sustainability of Agri-Food Global Value Chains,” *Food Policy*, 127,102714.

Nganje, William and **Sandro Steinbach**. (2024). “Policy Options for Managing Avian Influenza in Dairy Cows,” *Food Policy*, 128, 102691

Gordeev, Stepan and **Sandro Steinbach** (2024). “Determinants of PTA Design: Insights from Machine Learning,” *International Economics*, 178, 100504.

Lopez, Rigoberto, Marchesi, Keenan and **Sandro Steinbach**. (2024). “Dollar Store Expansion and Independent Grocery Retailer Contraction,” *Applied Economic Perspectives and Policy*, 18(4): 514–533.

**Connolly, Cristina**, Graziano, Marcello, McDonnell, Alyssa, and **Steinbach, Sandro**. (2023). In Cervisia Veritas: The Impact of Repealing Sunday Blue Laws on Alcohol Sales and Retail Competition. *Journal of Wine Economics*. 18(4).

Jiang, Qianxia, Ghosh, Debarchana, **Steinbach, Sandro** and Kristen Cooksey Stowers (2023). “An Empirical Assessment of Racial and Ethnic Inequities in Food Environment Exposure and Retail Market Concentration,” *Public Health Nutrition*, 26(9): 1850–1861.

Schweizer, Heidi, **Steinbach, Sandro** and Xiting Zhuang. (2022). “A Portrait of Firms that Trade in Meat Products,” *Western Economics Forum*, 20(2): 6–18.

Dorfman, Jeffrey H., **Jared D. Grant**, and Julian M. Worley. (2022). "Using Truck‐to‐Trunk Programs to Increase Food Security and Help Support Farm Incomes." *Applied Economic Perspectives*

*and Policy,* 44 (2022): 1440-1447.

**Working Papers**

Kim, Dongin and **Sandro Steinbach** (2024). “Is the WTO Passé? The Impact of Multilateral Economic Integration on Agri-Food Global Value Chains,” FREIT Working Paper 1816. (Revision requested in the World Economy.)

Gordeev, Stepan, Jelliffe, Jeremy and **Sandro Steinbach** (2024). “What Matters for Agricultural Trade? Assessing the Role of Trade Deal Provisions using Machine Learning.” (2nd revision requested in Applied Economic Perspectives and Policy.)

Donghoon, Kim, Lopez, Rigoberto, Marchesi, Keenan and **Sandro Steinbach**. (2024). “Survival of

Independent Grocery Retailers in a Changing Retail Landscape.” (Revision requested in the Journal of the Agricultural & Applied Economics Association.)

Connolly, Cristina, **Steinbach, Sandro**, Vo, Mike and Xibo Wan. (2024). “Unlocking Insights and Overcoming Challenges with Human Mobility Data for Applied Economic Research.” (Under Review).

Craig Gundersen, **Jared D. Grant**, Jeffrey H. Dorfman. The Geography of Black-White Differences in Food Insecurity in the United States. (Under Review)

**Steinbach, Sandro** and Yasin Yildirim. (2024). “Diverging Trends in National and Local Market Concentration for Veterinary Services.” (In preparation for submission)

Jiang, Qianxia**, Steinbach, Sandro** and Kristen Cooksey Stowers (2022). “Obesity for a Dollar: What a Bargain!” (In preparation for submission)

Jeffrey H. Dorfman, **Jared D. Grant**, and Craig Gundersen. The Relative Strength of Relationships between Food Access Components and Food Insecurity. (In preparation for submission)

**Jared D. Grant** and Joel Cuffey. Equity in Access to SNAP Healthy Eating Incentives: Are GusNIP Retailers Located in Black Communities? (In preparation for submission)

Zhao, Jiahui, Meng, Ziyi, Gordeev, Stepan, Pan, Zijie, Song, Dongjin, **Steinbach, Sandro** and Caiwen Ding (2023). “Key Information Retrieval to Classify the Unstructured Data Content of Preferential Trade Agreements,” *Proceedings of the Association for the Advancement of Artificial Intelligence AI4TS Workshop*, 1–5.

**Book Chapters**

Nolan, Connor and **Steinbach, Sandro**. (2022). “Hungry for Antitrust Enforcement: Retail Discounters and Food Deserts in America,” Chapter in Reforming America’s Food Retail Markets, Editor: Austin Frerick, Yale University.

Jiang, Qianxia, **Steinbach, Sandro** and and Kristen Cooksey Stowers (2022). “An Empirical Assessment of Racial and Ethnic Inequities in Food Swamp Exposure and Food Retail Market Concentration,” Chapter in Reforming America’s Food Retail Markets, Editor: Austin Frerick, Yale University.

**Outreach and Technical Publications**

William Nganje, **Steinbach, Sandro** and Yasin Yildirim (2024). “Urgency for Enhanced Policy Intervention to Combat Avian Influenza in Dairy Cows,” Farmdoc Daily, (14): 95.

Lopez, Rigoberto, Marchesi, Keenan and **Sandro Steinbach**. (2024). “Dollar Store Entry Affects Rural Grocery Stores More Than Urban,” USDA Amber Waves, May 6, 2024.

King, Martha and Sandro Steinbach. (2024). “How Global Trade and Innovation Shape the Future of Farming: Lessons from Golden Rice,” *GAP Report*, forthcoming.

Fuglie, Burlin, Lim, Siew, Steinbach, Sandro and Mawuena Tome. (2024). “Unlocking Livestock

Opportunities for North Dakota Soybean Meal in Canada,” *CAPTS Report*, 2024-01.

**Presentations**

Gundersen, C, **J.D. Grant**, J.H. Dorfman, “ The Geography of Black-White Differences in Food Insecurity in the United States”, Paper presented at the Agricultural Economics Society Conference Edinburgh, Scotland, March, 2024.

**Grant, J. D**, “Survival Analysis of SNAP Allowable Retailers.” Paper presented at the SNAP Healthy Eating Incentives Workshop, Auburn, AL., October, 2023.

**Gant, J. D**, “Moving Toward a Continuous Local Food Access Measure” Paper presented at the Agricultural and Applied Economics Association Meeting, Washington D.C., July, 2023.

**Connolly, C**., Graziano, M., **Steinbach, S.** David versus Goliath: The Impact of Corporate Expansion in the Alcohol Retail Industry on Small-Scale Retailers. American Association of Wine Economists Annual Meeting, Lausanne CH, 2024.

**Connolly, C.**, Graziano, M., McDonnell, A., and **Steinbach, S.** The Competitive Interplay Between Chain and Independent Liquor Stores: The Connecticut Case. Wine Business Conference, Willimantic, 2024.

**Grants**

USDA-NIFA, 2023, $650,000, PI: **Cristina Connolly**, Project Name: “Consumer Choices and Behavior of Visitors to Farmers’ Markets: New Insights from Human Mobility Data and Artificial Intelligence”

NIFA Data Science for Food and Agricultural Systems, 2021, $1,000,000, PI: **Cristina Connolly**, Project Name: “DSFAS-CIN: Harnessing Mobility Big Data and Artificial Intelligence Through a Transdisciplinary Research Network in Food Production, Processing, and Consumption Systems”