

**Deji Suolang**  
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Ann Arbor, MI 48104

## Education

- 2021–2025\*     **University of Michigan**, Ann Arbor, MI  
*Ph.D., Survey and Data Science*  
Advisor: Dr. Brady T. West  
Thesis: Leveraging Wearable Sensor Data to Improve Self-Reported Measures in Surveys: A Mass Imputation Approach
- 2018–2020     **University of Michigan**, Ann Arbor, MI  
*M.S., Survey and Data Science*
- 2017            **Utrecht University**, Utrecht, the Netherlands  
*Exchange program, Social and Behavioral Sciences*
- 2014–2018     **Nanjing University**, Nanjing, China  
*B.A., Sociology (with Distinction)*

## Professional Experience

- 2021–Present   **University of Michigan**, Ann Arbor, MI  
*Graduate Student Research Assistant*  
Survey Research Center, Institute for Social Research
- 2024            **American Institutes for Research (AIR)**, Arlington, VA  
*Researcher Intern*  
NAEP Doctoral Researcher Intern, Psychometric and Statistical Methods
- 2020–2021     **Johns Hopkins Medicine**, Baltimore, MD  
*Research Assistant, Survey Methodology and Statistics*  
Department of Neurology
- 2018–2020     **University of Michigan**, Ann Arbor, MI  
*Research Associate*  
Survey Research Center, Institute for Social Research

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\*Expected.

## Publications

### In Preparation

1. **Suolang, D.**, Yang, J., Miller, L., Rodhouse, J. R., Page, E. T., Si, Y., & West, B. T. (2025). Weighting Adjustment and Multiple Imputation for Addressing Nonresponse in a Multi-Day Diary Survey. *Journal of Survey Statistics and Methodology* (In Revision).
2. **Suolang, D.**, & West, B. T. (2025a). Leveraging Wearable Sensor Data to Enhance Survey Self-Reports: A Mass Imputation Approach
3. **Suolang, D.**, & West, B. T. (2025b). Assessing the Generalizability of Imputation-Based Integration of Wearable Sensor Data and Survey Self-Reports: Insights from a Simulation Study.
4. **Suolang, D.**, & West, B. T. (2025c). Extending Imputation-Based Data Integration to Nonprobability Surveys: Challenges in Selection Bias.

### Peer-Reviewed Articles

1. Wagner, J., West, B. T., Kim, B., **Suolang, D.**, Engstrom, C., & Sinibaldi, J. (2025). Using a Stopping Rule to Optimize Cost-Quality Tradeoffs in a Large, Mixed-Mode Survey: A Simulation Study. *Journal of Official Statistics*, 41(1), 329-364.
2. Gupta, S., Chen, B. J., **Suolang, D.**, Cooper, R., Gottesman, R., & Faigle, R. (2023). Advance Directives Among Community-Dwelling Stroke Survivors (P6-5.016). *PLOS ONE*, 18(10).
3. Chen, B. J., **Suolang, D.**, Frost, N., & Faigle, R. (2022). Practice Patterns and Attitudes Among Speech Language Pathologists Treating Stroke Patients with Dysphagia: A Nationwide Survey. *Dysphagia*, 37(6).
4. **Suolang, D.**, Chen, B. J., & Faigle, R. (2022). Temporal Trends in Racial and Ethnic Disparities in Palliative Care Use After Intracerebral Hemorrhage in the United States. *Stroke*, 53(3).
5. **Suolang, D.**, Chen, B. J., Wang, N. Y., Gottesman, R. F., & Faigle, R. (2021a). Temporal Trends in Stroke Thrombolysis in the U.S. by Race and Ethnicity, 2009–2018. *JAMA*, 326(17), 1741–1743.
6. **Suolang, D.**, Chen, B. J., Wang, N. Y., Gottesman, R. F., & Faigle, R. (2021b). Geographic and Regional Variability in Racial and Ethnic Disparities in Stroke Thrombolysis in the United States. *Stroke*, 52(12).
7. He, G., Chen, Y., Chen, B., Wang, H., Shen, L., Liu, L., **Suolang, D.**, ..., & Min, Z. (2018). Using the Baidu search index to predict the incidence of HIV/AIDS in China. *Scientific Reports*, 8(1).

## Conference Presentations

1. **Suolang, D.**, & West, B. T., Assessing the Generalizability of Imputation-Based Integration of Wearable Sensor Data and Survey Self-Reports: A Simulation Study (July 2025). *ESRA*, Utrecht, the Netherlands.
2. **Suolang, D.**, & West, B. T., Leveraging Wearable Sensor Data to Enhance Survey Self-Reports: A Mass Imputation Approach (May 2025). *AAPOR*, St. Louis, MO.
3. **Suolang, D.**, Bailey, P., Rutkowski, L., Handling Missing Contextual Data in Large-Scale Assessments: A Multiple Imputation Strategy (April 2025). *NCME*, Denver, CO.
4. Suolang, D., Yang, J., Miller, L., Rodhouse, J. R., Page, E. T., Si, Y., & West, B. T., Weighting Adjustment and Multiple Imputation for Addressing Nonresponse in a Multi-Day Diary Survey (May 2024). *AAPOR*, Atlanta, GA.

5. Wagner, J., West, B. T., Kim, B., **Suolang, D.**, Engstrom, C., & Sinibaldi, J., How Different Modeling Choices Impact the Performance of Stopping Rules in a Longitudinal Study (May 2023). *AAPOR*, Philadelphia, PA.
6. **Suolang, D.**, Effects of Front-Loaded and Escalating Incentives on Response Rates and Response Quality in Election Surveys (May 2021). *AAPOR*, Los Angeles, CA (remote).
7. **Suolang, D.**, West, B. T., Wagner, J., Almirall, D., Toward the Optimization of Responsive and Adaptive Survey Design (February 2020). *MSSISS*, Ann Arbor, MI.
8. **Suolang, D.**, Ketenci, K., Predicting Presidential Election Trends: A Public Opinion Survey Using Web-Sourced Data (November 2020). *BigSurv20*, Utrecht, the Netherlands (remote).
9. Hu, M., He, W., **Suolang, D.**, Zhang, S., West, B. T., Kirlin, J. A., & Zhang, X., Response Patterns in a Multi-Day Diary Survey: Implications for Adaptive Survey Design (May 2019). *AAPOR*, Toronto, Canada.

## Awards & Honors

|      |   |
|------|---|
| 2025 | Winner, AAPOR Seymour Sudman Student Paper Award  |
| 2025 | Best Presentation Award Winner, Michigan Student Symposium for Interdisciplinary Statistical Sciences |
| 2025 | Rackham Travel Award, ESRA Annual Conference  |
| 2024 | Daniel Katz Dissertation Fellowship   |
|      | <i>Note: This \$25,000 research grant was part of the ISR Next Generation Awards.</i>                 |
| 2024 | Rackham Travel Award, JSM Annual Conference   |
| 2024 | MPSDS Travel Award, AAPOR Annual Conference   |
| 2024 | Rackham Travel Award, AAPOR Annual Conference   |
| 2023 | MAPOR Student Support Award   |
| 2023 | Rackham Travel Award, ESRA Annual Conference  |
| 2020 | Best Methods Award Winner, Poster Competition, BigSurv20 Conference                                   |
| 2020 | Best Poster Award Winner, Michigan Student Symposium for Interdisciplinary Statistical Sciences       |
| 2019 | MPSM Travel Award, APA Annual Conference  |
| 2016 | Honorable Mention, Nanjing University Student of the Year   |

## Teaching Experience

### Graduate Student Instructor

|      |   |
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| 2022 | SURVMETH 621 Data Collection I                                |
| 2022 | SURVMETH 632 Cognition, Communication, and Survey Measurement |
| 2023 | SURVMETH 622 Data Collection II                               |
| 2023 | SURVMETH 625 Applied Sampling                                 |

### Short Courses and Tutorials

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| 2022 | Guest Lecturer, Tutorial on Qualtrics Programming (MPSDS) |
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## Professional Memberships

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| 2025-Present | National Council on Measurement in Education     |
| 2023-Present | American Statistical Association                 |
| 2022-Present | European Survey Research Association             |
| 2020-Present | Midwest Association for Public Opinion Research  |
| 2019-Present | American Association for Public Opinion Research |

## Committees

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| 2025      | Member, STATCOM (Statistics in the Community) at the University of Michigan, Project Lead for the design of the Kelsey Museum Visitor Survey    |
| 2022-2023 | Organizing Committee, Responsible for the 17th Annual Michigan Student Symposium in Interdisciplinary Statistical Sciences (MSSISS, March 2023) |

## Service

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| 2025 | Reviewer for <i>Discover Applied Sciences</i>  |
| 2024 | Moderator, AAPOR Annual Conference, Innovations in Statistical Methods for Quality Improvement                         |
| 2023 | Moderator, AAPOR Annual Conference, New Applications of Multiple Imputation and Model-Based Methods to Survey Research |
| 2022 | Moderator, AAPOR Annual Conference, Using Social Media and Big Data to Predict COVID Beliefs                           |

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