

CURRICULUM VITAE
Paul Rebman, MPH

PROFESSIONAL DATA

Department of Mental Health
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EDUCATION AND TRAINING

Expected 2026	PhD	Mental Health, Johns Hopkins Bloomberg School of Public Health T32 Data Integration for Causal Inference Fellow, 2022-2025 T32 Psychiatric Epidemiology Fellow, 2025-2026 Dissertation: Heterogeneity in Suicide Prediction Models and Prevention Interventions Dissertation Committee: Dr. Rashelle Musci, Dr. Elizabeth Stuart, Dr. Holly Wilcox, Dr. Roy Adams, Dr. Emily Haroz
	MHS	Biostatistics, Johns Hopkins Bloomberg School of Public Health Department of Biostatistics
2021	MPH	Epidemiology and Biostatistics, Johns Hopkins Bloomberg School of Public Health Advisor: Dr. David Celentano
2014	BA	Psychology (Major), Human Rights and Humanitarianism (Concentration), Macalester College

PROFESSIONAL EXPERIENCE

2021 – 2022	Research Associate. Johns Hopkins Bloomberg School of Public Health, Department of Epidemiology, Department of International Health.
2020 – 2021	Research Assistant. Johns Hopkins Center for Indigenous Health.
2020 – 2021	Research Assistant. Johns Hopkins Center for Communications Programs.
2018 – 2020	Director of Impact and Learning. Days for Girls International. Kampala, Uganda.
2017 – 2018	Monitoring and Evaluation Officer. Days for Girls Uganda. Kampala, Uganda.
2015 – 2017	Public Health Specialist. City of Minneapolis Health Department. Minneapolis, MN.

- 2014 – 2015 Youth Violence Intervention VISTA. City of Minneapolis Health Department. Minneapolis, MN.
- 2014 – 2015 Research Assistant. University of MN – Prevention Research Center. Minneapolis, MN.
- 2013 – 2014 Early Childhood Literacy Coordinator. Neighborhood House. St. Paul, MN
- 2011 – 2012 Eye-Tracking Lab Manager. Macalester College. St. Paul, MN.

EDITORIAL AND OTHER INVITED PEER REVIEW ACTIVITIES

Journal Peer Review Activities

- Prevention Science
 Journal of Healthcare of the Poor and Underserved
 PLOS Global Public Health

HONORS AND AWARDS

- 2024 Morton Kramer Fund for the Application of Biostatistics and Epidemiology in Research on the Prevention and Control of Mental Disorders Scholarship Award. Johns Hopkins Bloomberg School of Public Health, Department of Mental Health. (Awarded \$2,800)
- 2023 Early Career Award. International Academy of Suicide Research. IASR/AFSP Conference. (Awarded \$1000)
- 2020 Sommer Scholar. Johns Hopkins Bloomberg School of Public Health, MPH Program. (12 MPH students selected; awarded full tuition scholarship and stipend)
- 2017 Global Health Corps Fellow. Days for Girls, Kampala, Uganda.
- 2013 Psi Chi International Honors Society in Psychology, Macalester College

PUBLICATIONS

Journal Articles (Peer Review)

1. Dayal, R., Goklish, N., Adams, R., **Rebman, P.**, Suttle, R., Garcia, M., Sierra, V., & Haroz, E. E. (Under Review). Considerations for implementing a machine learning model for suicide risk in the health systems that serve Native American communities.
2. Sierra, V., Dayal, R., **Rebman, P.**, Goklish, N., Metwally, H., Yang, P., Mitchell, K., Werwie, T., Begay, R., Adamas, R., & Haroz, E. E. (Under Review). Patient Perceptions of Artificial Intelligence in Suicide Risk Assessment Models: Insights from Three Tribal Communities.
3. Dayal, R., Goklish, N., Haroz, E. E., Sierra, V., Larzelere, F., **Rebman, P.**, & Taylor (Under Review). Combining machine learning models and screening to enhance suicide risk identification.
4. Schroeder, L. F.* , **Rebman, P.***, Kasaie, P., Kenu, E., Zelner, J., & Dowdy, D. W. (2024). A Generalizable Decision-Making Framework for Selecting Onsite versus Send-out Clinical Laboratory Testing. *Medical decision making: an international journal of the Society for Medical Decision Making*, 44(3), 307–319. <https://doi.org/10.1177/0272989X24123266> *Equal contribution

5. Adams, R., Haroz, E. E., **Rebman, P.**, Suttle, R., Grosvenor, L., Bajaj, M., Dayal, R. R., Maggio, D., Kettering, C. L., & Goklish, N. (2024). Developing a suicide risk model for use in the Indian Health Service. *Npj mental health research*, 3(1), 47. <https://doi.org/10.1038/s44184-024-00088-5>
6. Haroz, E. E., **Rebman, P.**, Goklish, N., Garcia, M., Suttle, R., Maggio, D., Clattenburg, E., Mega, J., & Adams, R. (2024). Performance of Machine Learning Suicide Risk Models in an American Indian Population. *JAMA network open*, 7(10), e2439269. <https://doi.org/10.1001/jamanetworkopen.2024.39269>
7. Allison-Burbank, J.D., Ingalls, A., **Rebman, P.** et al. Measuring the effects of the COVID-19 pandemic on Diné and White Mountain Apache school personnel, families, and students: protocol for a prospective longitudinal cohort study. *BMC Public Health* 22, 1481 (2022). <https://doi.org/10.1186/s12889-022-13208-7>
8. Ingalls, A., **Rebman, P.**, Martin, L. et al. Towards precision home visiting: results at six months postpartum from a randomized pilot implementation trial to assess the feasibility of a precision approach to Family Spirit. *BMC Pregnancy Childbirth* 22, 725 (2022). <https://doi.org/10.1186/s12884-022-05057-4>
9. **Rebman, P.A.**, Caines, M.C., & Harrison, P.A. (2018). In-Hospital Paternity Establishment: Experiences and Meaning Perceived by Unmarried Parents. *Journal of Healthcare for the Poor and Underserved*, 29(1), 497-508. doi: 10.1353/hpu.2018.0033.
10. Caines, M. C., **Rebman, P.**, & Harrison, P. A. (2019). Barriers to Unmarried Father Involvement During Infancy: Qualitative Study from Professionals' Perspectives. *Maternal and child health journal*, 23(5), 641–647. <https://doi.org/10.1007/s10995-018-2678-8>

PRESENTATIONS

Scientific Meetings

1. **Rebman, P.**, Adams, R., Dayal, R., Sierra, V., Goklish, N., & Haroz, E.E. (2025, Nov 9) *Validation of Existing and Novel Suicide Clinical Risk Prediction Models*. [Conference presentation]. In E. Haroz (chair), *Native American Youth Implementing a Health Systems-Level Suicide Prevention Strategy that Incorporates Machine Learning (Native-RISE): Bridging Perspectives From Community and Healthcare*. [Symposium]. IASR/AFSP International Summit on Suicide Research, Boston, MA, USA. <https://suicideresearchsummit.societyconference.com/conf/#sessions/conf10006>
2. Stifter, M., **Rebman, P.**, Goklish, N., Kaytoggery, C., Tessay, R., Garcia, M., Suttle, R., Cwik, M., & Haroz, E.E. (2025, Nov 11) *Developing and Implementing a Machine Learning Model to Support Suicide Prevention With Native American Youth*. [Conference presentation]. IASR/AFSP International Summit on Suicide Research, Boston, MA, USA.
3. Dayal, R., Goklish, N., Suttle, R., Sierra, V., **Rebman, P.**, Adams, R., & Haroz, E. E. (2025, May 28) *Clinical and Workflow Implications of Using Machine Learning Model for Suicide Prevention in an Indian Health Service Unit* [Conference presentation]. Society for Prevention Research, Seattle, WA, USA.
4. **Rebman, P.**, Adams, R., Goklish, N., Grosvenor, L., Bajaj, M., Minjarez, T., & Haroz, E.E. (2023, Oct. 15-18) *Do Existing Machine Learning-Based Suicide Risk Prediction Models Hold Relevance for American Indian Populations?* [Conference presentation]. IASR/AFSP

International Summit on Suicide Research, Barcelona, Spain. *Selected for Early Career Award
<https://iasr.societyconference.com/conf/#sessions/conf10005>

5. Adams, R., Goklish, N., **Rebman, P.**, Grosvenor, L., Bajaj, M., Suttle, R., & Haroz, E.E. (2023, Oct. 15-18) *Developing a Suicide Risk Prediction Model for Use in an Indian Health Service Unit in the Southwestern United States* [Conference presentation]. IASR/AFSP International Summit on Suicide Research, Barcelona, Spain.
<https://iasr.societyconference.com/conf/#sessions/conf10005>
6. Ingalls, A., **Rebman, P.**, Cisler, A., Wood, H., Grubin, F., Russette, H., Leonard, A., Martin, L., & Haroz, E.E. (2021). *Piloting a precision approach to home visiting: Presentation of study results to ITCMI consortium members* [Conference presentation]. Virtual Michigan Home Visiting Conference.
7. **Rebman, P.** (2014). *The Creation of the Hombre Nuevo: How Do Men in Nicaragua Confront Male Privilege and Gender Inequality?* [Conference presentation]. 6th Annual Human Development Conference, Notre Dame, IN, United States.

PRACTICE ACTIVITIES

Practice-Related Reports

1. **Rebman, P.** (2020) Menstrual Health Program Evaluation Toolkit. *Days for Girls International and The Whitt Family Foundation*. Seattle, Washington.
2. Daghlian, L., Nampeera, D., & **Rebman, P.** (2020) Menstrual Health Social Enterprise Report. *Days for Girls International and The Starbucks Foundation*. Seattle, Washington.

Presentations to Policymakers, Communities, and Other Stakeholders

1. Caines, M., **Rebman, P.**, & Harrison, P. (2017) Focus on Fathers: Barriers to Father Involvement among Unmarried Fathers. Minneapolis City Council Meeting. Minneapolis, Minnesota
2. Caines, M., **Rebman, P.**, & Harrison, P. (2017) In-Hospital Paternity Establishment: Barriers reported by Unmarried Parents. Minnesota Department of Human Services. Saint Paul, Minnesota

TEACHING EXPERIENCE

2025	Psychiatric Epidemiology TA (Instructor: Heather Volk)
2025	Guest Lecture, Suicide Prevention, Prevention of Mental Disorders (Instructor: Rashelle Musci)
2024 – 2025	MPH Capstone TA (Instructor: Marie Diener-West)
2024 – 2025	Principles of Epidemiology TA (Instructor: Rosa Crum)
2024	Psychosocial Statistics TA (Instructor: Kenneth Feder)
2024	Prevention of Mental Disorders TA (Instructor: Rashelle Musci)
2022 – 2023	Biostatistics Tutor, Department of Mental Health

RESEARCH GRANT PARTICIPATION

Research Associate

<u>Title</u>	<u>Grant Number</u>	<u>PIs</u>	<u>Agency</u>
Project SafeSchools: Re-opening schools safely for Native American youth	OT2HD107543	Haroz, Barlow, & Hammitt	NIH
Understanding and Improving the Effectiveness of Public Health Laboratory Networks for Infectious Diseases in Ghana	5R01AI136977-03	Dowdy & Schroeder	NIAID
Tailoring Family Spirit to meet individual needs: Piloting a precision public health approach to home visiting for American Indian mothers		Haroz	Annie E. Casey Foundation

ADDITIONAL INFORMATION

Personal statement of research and research objectives

Based on my training in psychiatric epidemiology and biostatistics, my research broadly aims to apply quantitative methods to improve our understanding of interventions for suicidal thoughts and behaviors and related mental disorders. I am particularly interested in understanding for whom and in what contexts particular suicide prevention interventions are effective. This goal has led me to focus on my research in the following three areas: (1) the use of electronic health record data and clinical prediction models to identify individuals at risk of suicidal behaviors; (2) statistical methods development for the harmonization of multiple data sources; and (3) the application of causal inference methodology to assess heterogeneity in prevention and treatment efforts for suicide prevention.

Keywords

suicide, treatment effect heterogeneity, causal inference, electronic health records, clinical prediction models, data harmonization