
JASON R. GANTENBERG

Curriculum Vitae

Brown University
School of Public Health
121 South Main Street, Box G-S121-8
Providence, RI, 02912
jrgant@brown.edu

September 28, 2026

EDUCATION

- 2016 – 2021[†] **Ph.D., Epidemiology**
Brown University, Providence, RI
Thesis: Using Agent-based Models to Understand the Epidemiology of Gonorrhea among Men Who Have Sex with Men in the United States
- 2013 – 2015 **M.P.H., Epidemiology**
Loyola University Chicago, Maywood, IL
Capstone: Hepatitis C Virus Infection in Ghana: Prevalence and Insights from Bayesian Modeling
- 2010 – 2012 **M.A., Writing & Publishing**
DePaul University, Chicago, IL
Graduated with distinction.
- 2002 – 2005 **B.A., English**
University of Iowa, Iowa City, IA
Minor: Cinema and Comparative Literature

ACADEMIC APPOINTMENTS

- 2026 – **Senior Research Scientist[‡]**, Department of Epidemiology, Brown University School of Public Health
- 2022 – 2026 **Assistant Professor of the Practice**, Department of Epidemiology, Brown University School of Public Health
- 2022 **Adjunct Assistant Professor**, Department of Public Health Sciences, Loyola University Chicago
- 2021 – 2022 **Postdoctoral Research Associate**, Brown University School of Public Health, Department of Health Services, Policy & Practice

EMPLOYMENT

- 2022 – 2026 **Senior Research Scientist[‡]**, Department of Health Services, Policy & Practice, Brown University School of Public Health
- 2022 **External Consultant**, Emory University, Project: EpiModel 2.0 (PI: Samuel M. Jenness)
- 2016 – 2021 **Graduate Research Assistant**, Brown University School of Public Health, Department of Epidemiology

[†]Dissertation defense. Graduation date: February 2022.

[‡]Brown restructured its faculty tracks in 2026, establishing a Research Scientist track. I was appointed faculty on this track effective July 2026. The staff Research Scientist position I held previously will be renamed.

2017 – 2018	Graduate Teaching Assistant , Brown University School of Public Health, Department of Epidemiology
2014 – 2015	Public Health Volunteer , Chicago Department of Public Health, HIV/STI Services Division
2014	Teaching Assistant , Public Health Sciences, Loyola University Chicago
2013 – 2016	Electronic Publications Manager , <i>American Journal of Neuroradiology</i> , American Society of Neuroradiology
2005 – 2012	Editorial & Web Assistant , <i>American Journal of Neuroradiology</i> , American Society of Neuroradiology

PEER-REVIEWED PUBLICATIONS

Journal Articles

- [1] **Gantenberg JR**, La Joie R, Heston MB, Ackley SF for ADNI. (2026). Do amyloid trajectories reach a ceiling? Evidence from iterative approximation and simulation. *Alzheimer's & Dementia*. doi:10.1002/alz.71781.
- [2] Couch E, **Gantenberg JR**, Belanger E. (2026). Adoption of Alzheimer's disease biomarkers by primary care clinicians: findings from the National Dementia Workforce Study. *Alzheimer's & Dementia*. doi:10.1002/alz.71665.
- [3] Howe CJ, Hsieh HCT, **Gantenberg JR**, Organisian A, Eaton CB, Lu H. (2026). Non-random selection with and without bias due to selecting on an exposure. *Epidemiology*. doi:10.1097/ede.0000000000002018.
- [4] Viera-Rojas TD, **Gantenberg JR**, Park JW, Wilson-Barthes MG, Dale SK, Carey MP, Mugavero MJ, Earnshaw VA, Agil D, Sheff SD, Johnson B, Dulin AJ, Howe CJ. (2026). Examining the joint effect of multilevel resilience and COVID-19 distress on viral suppression among African American/Black adults living with HIV in the southeastern United States. *Journal of Health Care for the Poor and Underserved*. 37(1):111–126. doi:10.1353/hpu.2026.a982958.
- [5] **Gantenberg JR**, van Aalst R, Diakun DR, Bengtson AM, Limone BL, Nelson CB, Savitz DA, Zullo AR. (2025). Healthcare utilization during acute medically attended episodes of respiratory syncytial virus-related lower respiratory tract infection among infants in the United States. *PLOS ONE*. 20(2):e0313573. doi:10.1371/journal.pone.0313573.
- [6] **Gantenberg JR** (co-first), Thompson KD (co-first), van Aalst R, Smith DM, Richards M, Nelson CB, La Via WV, Chaves SS, Bengtson AM, Savitz DA, Zullo AR. (2025). Inpatient service utilization amongst infants diagnosed with respiratory syncytial virus infection (RSV) in the United States. *PLOS ONE*. 20(1):e0317367. doi:10.1371/journal.pone.0317367.
- [7] **Gantenberg JR**, van Aalst R, Bhuma MR, Limone B, Diakun D, Smith DM, Nelson CB, Bengtson AM, Chaves SS, La Via WV, Rizzo C, Savitz DA, Zullo AR. (2024). Risk analysis of respiratory syncytial virus among infants in the United States by birth month. *Journal of the Pediatric Infectious Diseases Society*. 13:317–27. doi:10.1093/jpids/piae042.
- [8] Yorlets RR, Lee Y, **Gantenberg JR**. (2024). Calculating risk and prevalence ratios and differences in R: developing intuition with a hands-on tutorial and code. *Annals of Epidemiology*. 99:48–53. doi:10.1016/j.annepidem.2024.10.004. Corrected version of prior publication.

- [9] **Gantenberg JR**, McConeghy KW, Howe CJ, Steingrimsdottir J, van Aalst R, Chit A, Zullo AR. (2023). Predicting seasonal influenza hospitalizations using an ensemble super learner: A simulation study. *American Journal of Epidemiology* 192(10):1688–1700. doi:10.1093/aje/kwad113.
- [10] **Gantenberg JR**, van Aalst R, Zimmerman N, Limone B, Chaves SS, La Via WV, Nelson CB, Rizzo C, Savitz DA, Zullo AR. (2022). Medically attended illness due to respiratory syncytial virus (RSV) infection among infants born in the United States between 2016 and 2020. *The Journal of Infectious Diseases*. (Supplement 2):S164–74. doi:10.1093/infdis/jiac185. [Correction]
- [11] Zullo AR (co-first), Adams JW (co-first), **Gantenberg JR**, Marshall BDL, Howe CJ. (2019). Examining neighborhood poverty-based disparities in HIV/STI prevalence: an analysis of Add Health data. *Annals of Epidemiology*. 39:8–14, doi:10.1016/j.annepidem.2019.09.010.
- [12] **Gantenberg JR**, King M, Montgomery MC, Galárraga O, Prosperi M, Chan PA, Marshall BDL. (2018). Improving the impact of HIV pre-exposure prophylaxis implementation in small urban centers among men who have sex with men: an agent-based modelling study. *PLOS ONE*. 14 (12): 0199915, doi:10.1371/journal.pone.0199915. [Corrigendum]

Book Chapters

- [1] Luiz P, **Gantenberg JR**, Rosenblatt SF, Wei G, Khanna A, Loftness BC, Lurie MN. (2026). Measuring mobility and social mixing to inform pandemic prediction and response. In: *The COVID Information Commons: Research Insights from the Coronavirus*. Sustainable Development Goals Series. Springer, Cham. doi:10.1007/978-3-032-06125-6_22

PREPRINTS

- [1] Hoefen EJ, Flanders M, **Gantenberg JR**, Hayes-Larson E, Crane PK, Choi SE, Trittschuh EH, Ackley SF. Surrogate endpoint evaluation with causal mediation: lessons from the A4 trial. *medRxiv*, Jul. 2026, doi:10.64898/2026.07.23.26358810
- [2] **Gantenberg JR**, La Joie R, Heston MB, and Ackley SF. Do amyloid trajectories reach a physiologic ceiling? Evidence from iterative approximation and simulation. *medRxiv*, Apr. 2026, doi:10.64898/2026.04.14.26350359.
- [3] Hod S (co-first), Nayak D (co-first), **Gantenberg JR**, Kalemaj I, Trikalinos TA, and Smith A. Differentially private modeling of disease transmission within human contact networks. Apr. 08, 2026, *arXiv*, arXiv:2604.07493. doi:10.48550/arXiv.2604.07493.

EDUCATIONAL RESOURCES

- [1] **Gantenberg JR**. *Computing Concepts for Public Health Researchers*. Department of Epidemiology, Brown University. [Website](#)

SOFTWARE

- [1] *quickdag*. Make beautiful directed acyclic graphs. R package. [Github](#)
- [2] *cogxwalkr*. Crosswalk cognitive measures. R package. [Github](#)
- [3] *ox-quarto*. Org mode export backend for Quarto outputs. Emacs package. [Github](#)
- [4] *apptainer-mode*. Simple major mode for Apptainer definition files. Emacs package. [Github](#)

CONFERENCE PRESENTATIONS

- [1] Couch E, **Gantenberg JR**, Belanger E. Adoption of Alzheimer's disease biomarkers by primary care clinicians: findings from the National Dementia Workforce Study. *Alzheimer's Association International Conference*, July 12–15, 2026, London, England, UK. Poster (accepted).
- [2] Maina R, Cai W, Whetung C, Luckey AM, Diaz-Ramirez LG, Zhang KP, Wang Y, Ackley SF, **Gantenberg JR**, Nichols E, Gross AL, Wang J, Chen R. Crosswalking Mini-Mental State Examination and Telephone Interview for Cognitive Status: evaluating performance across sociodemographic groups. *Alzheimer's Association International Conference*. July 12–15, 2026, London, England, UK. Poster (accepted).
- [3] Howe CJ, **Gantenberg JR**, Hsieh, HCT, Mandani MM, Roberts MB, Newburg J, Ahmad FS, Allen NB, Foreman DE, Jacobs Jr. DR, Kizer JR, Levitan EB, Kucharska-Newton AM, Rosamond WD, Xanthakis V, LaMonte MJ, Eaton CB. Hypothetical interventions on lifestyle factors to reduce racial and sex differences in incidence heart failure: a causal mediation analysis. *Society for Epidemiologic Research*, June 23–26, 2026, Phoenix, AZ. Oral (accepted).
- [4] Ackley SF, **Gantenberg JR**, Heston MB, La Joie R. Evaluating the presence of a physiologic ceiling in amyloid trajectories: insights from the sampled iterative local approximation (SILA) algorithm and simulations. *Alzheimer's Association International Conference*, July 27–31, 2025. *Alzheimer's and Dementia* 2025;21(Suppl 1):e106959. doi:10.1002/alz70855_10699. Poster.
- [5] Hod S (co-first), Nayak D (co-first), Kalemaj I, **Gantenberg JR**, Trikalinos TA, Smith A. Differentially private modeling of disease transmission within human contact networks. *Society for Epidemiologic Research Annual Meeting*, June 23–26, 2025. Oral.
- [6] **Gantenberg JR**, Trikalinos TA, Rosenblatt SF, Wei G, Netter J, Roarr B, Wilson-Barthes MG, Loftness BC, Luiz PB, Lurie MN. Measuring human mobility in indoor spaces: the MAP-PING@Brown study. *Society for Epidemiologic Research Annual Meeting*, June 18–21, 2024. Poster.
- [7] Luiz P, Rosenblatt SF, **Gantenberg JR**, Wilson-Barthes MG, Khanna A, Netter J, Trikalinos TA, Wei G, Loftness B, Lurie MN. Capturing high-resolution contact networks for pandemic planning: the MAPPING@Brown study. *INSNA Sunbelt 2024*, June 24–30, 2024. Oral.
- [8] Viera-Rojas TD, **Gantenberg JR**, Park JW, Wilson-Barthes MG, Hogan JW, Carey MP, Dale SK, Earnshaw VA, Dougherty-Sheff S, Agil D, Dulin AJ, Howe CJ. Examining the joint effect of multilevel resilience and COVID-19 distress on viral suppression among African American/Black adults living with HIV in the southeastern United States. *Society for Epidemiologic Research Annual Meeting*, June 18–21, 2024. Oral.
- [9] **Gantenberg JR**, van Aalst R, Diakun DR, Limone BL, Nelson CB, Savitz DA, Zullo AR. Health-care utilization during acute medically attended respiratory syncytial virus (RSV) episodes among infants in the United States. *IDWeek 2022*, October 19–23, 2022. Poster.
- [10] **Gantenberg JR**, Zimmerman NM, Zullo AR, Limone B, Demont C, Chaves SS, La Via WV, Nelson C, Rizzo C, Savitz D, van Aalst R. (2021). Medically attended (MA) illness due to respiratory syncytial virus (RSV) infection among infants in the United States during the 2016–17, 2017–18, 2018–19, and 2019–20 RSV seasons: the need for all-infant protection. *IDWeek 2021*, September 29 – October 3, 2021. Poster.
- [11] **Gantenberg JR**, McConeghy KW, Howe CJ, Steingrimsson J, van Aalst R, Chit A, Zullo AR. (2021). Assessing the super learner as a tool for predicting seasonal influenza hospitalizations: a simulation study. *Society for Epidemiologic Research Annual Meeting*, June 22–25, 2021. Poster.

- [12] **Gantenberg JR**, King M, Montgomery MC, Galárraga O, Prosperi M, Chan PA, Marshall BDL. Improving statewide pre-exposure prophylaxis implementation among men who have sex with men. *Conference on Retroviruses and Opportunistic Infections*, March 4–7, 2018, Boston, MA. Poster.
- [13] **Gantenberg JR**, Marshall BDL, King M, Galárraga O, Prosperi M, Tributino A, Montgomery M, Chan PA. The impact of a real-world pre-exposure prophylaxis program on HIV transmission among men who have sex with men: an agent-based modeling study. *International AIDS Society Conference on HIV Science*, July 23–26, 2017, Paris, France. Poster.
- [14] Kliethermes, S (co-first), **Gantenberg JR** (co-first), Mora N, Phillips RO, Opare-Sem O, Owusu D, Layden JE. (2016). Age- and region-specific prevalence of hepatitis C virus in Ghana: a population-based study. *The 67th Annual Meeting of the American Association for the Study of Liver Diseases: The Liver Meeting 2016*, November 11–16, 2016, Boston, MA. Abstract.
- [15] **Gantenberg JR**, Mikati T, Tabidze I. Extragenital screening for chlamydia and gonorrhea increases prevalence of infection in women reporting to Chicago Department of Public Health STD clinics. *American Public Health Association Annual Meeting*, November 4, 2015, Chicago, IL. Oral.

TALKS

Invited

- [1] **Emulating Target Trials to Improve Causal Inference from Observational Data**. April 11, 2024. Injury Control Research to Practice and Policy Core, Lifespan.
- [2] **NIAID Fellowship Workshop: Resources for Successful Transition into Research Independence**. May 3–4, 2022. Panelist: Importance of Mentorship in Your Careers.

Other

- [1] **Open Access and Scientific Publishing for Public Health Researchers**. 2019. Brown University Open Access Week. Organizer. *Co-organizers*: Andrew Creamer, Erin Anthony.

TEACHING

Instructor

- [1] 2023. Intermediate Epidemiologic Methods. Secondary instructor. Brown University.
- [2] 2022. Introduction to Epidemiology. Co-instructor. Loyola University Chicago.

Teaching Assistant or Guest Lecturer

- [1] 2018. Advanced Quantitative Methods in Epidemiology. Brown University.
- [2] 2018. Current Topics in Environmental Health. Brown University.
- [3] 2017. Applied Epidemiologic Analysis using SAS. Brown University.
- [4] 2017 – 2025. Introduction to Epidemiologic Methods. Brown University.
- [5] 2014. Introduction to Epidemiology. Loyola University Chicago.

MENTORSHIP

- [1] 2026. Peyton Luiz. M.P.H., Brown University. Thesis supervisor.
- [2] 2023. Janelle Barnett. M.P.H., Brown University. Secondary reader.
- [3] 2023. Kikuyo Shaw. A.B., Brown University. Thesis supervisor.

AWARDS

- [1] 2017. Spring Student Abstract Award (second prize). Department of Epidemiology, Brown University.

PEER REVIEW

Addiction · American Journal of Epidemiology · Clinical Infectious Diseases · European Journal of Pediatrics · International Journal of Health Policy and Management · JMIR Public Health and Surveillance · Journal of the Pediatric Infectious Diseases Society · PLOS ONE · Sexually Transmitted Diseases

SERVICE

- [1] 2022 – 2023. Abstract reviewer. Society for Epidemiologic Research Annual Meeting
- [2] 2019 – 2022. Communications Committee. Society for Epidemiologic Research.
- [3] 2021. Student Advisory Committee. Department of Epidemiology, Brown University.
- [4] 2019 – 2021. Graduate Library Advising Committee. Brown University Libraries.
- [5] 2014 – 2015. M.P.H Student Assembly, Communications Officer. Loyola University Chicago.
- [6] 2013. Strategic Planning Committee. Student Representative, Epidemiology. Loyola University Chicago.

SOCIETY MEMBERSHIPS

2021 –	Society for Causal Inference
2017 –	Society for Epidemiologic Research
2015 – 2025	American Sexually Transmitted Disease Association
2017 – 2019	International AIDS Society
2014 – 2015	American Public Health Association

SELECTED SUPPORT

- [1] Causal Inference Approaches for Surrogate Endpoint Evaluation
Center for Epidemiologic Research Pilot Award, Brown University School of Public Health
2026–2027
\$60,000
Co-PI: Channele J. Howe, Sarah F. Ackley
Co-I: **Jason R. Gantenberg**
Staff: Michael Flanders

- [2] High-Resolution Localization in Indoor Environments for Social Network Analysis
Office of the Vice President of Research Seed Award, Brown University
2025–2026
\$25,000
PI: Mark N. Lurie
Co-I: **Jason R. Gantenberg**, Thomas A. Trikalinos
- [3] Emulating an Agent-based Model of HIV and Gonorrhea Transmission
Catalyst Pilot Grant, Brown University School of Public Health
2023–2024
\$26,200
PI: **Jason R. Gantenberg**
Co-I: Thomas A. Trikalinos, Aditya S. Khanna