

**Curriculum Vitae**  
**Laura Forsberg White, PhD**

Department of Biostatistics  
Boston University School of Public Health  
801 Massachusetts Ave, 3<sup>rd</sup> Floor  
Boston MA 02118

**ACADEMIC TRAINING**

2001 BS Utah State University, Logan, UT; Summa Cum Laude; Mathematics/Statistics  
2003 SM Harvard School of Public Health, Boston, MA; Biostatistics  
2006 PhD Harvard School of Public Health, Boston, MA; Biostatistics

**ACADEMIC APPOINTMENTS**

2021-present Professor of Biostatistics, Boston University School of Public Health  
2021-present Core faculty, Center for Emerging Infectious Diseases (CEID), Boston University  
2011-2021 Associate Professor of Biostatistics, Boston University School of Public Health  
2011-2017 Adjunct Associate Prof of Biostatistics, Harvard School of Public Health  
2006-2011 Adjunct Assistant Prof of Biostatistics, Harvard School of Public Health  
2006-2011 Assistant Professor of Biostatistics, Boston University School of Public Health

**MAJOR ADMINISTRATIVE RESPONSIBILITIES**

2016-Present Co-director, Biostatistics Graduate Program  
2014-2019 Director, Biostatistics Core, Tuberculosis Research Unit, Boston Medical Center

**HONORS AND DISTINCTIONS**

2016 Mid-Career faculty leadership program, Boston Medical Center  
2011 Boston Emergency Medical Services Council EMS Research Award  
2008 NSF Travel Award to World Congress in Probability and Statistics  
2002-2006 Certificate of Distinction in Teaching, Harvard University  
2001-2004 NIH Training grant recipient (area of emphasis in HIV; infectious disease)  
2001 Summa cum Laude, Utah State University, Logan UT  
2001 Outstanding Statistics Graduate, Utah State University  
1996 University Club Scholar  
1996 National Merit Scholar

**EDITORIAL ACTIVITIES**

2021 Guest editor, eLife  
2015-2021 Scientific Reports, associate editor  
2019-2022 BMC Infectious disease, associate editor

**AD HOC REVIEWING ACTIVITIES**

Lancet	Annals of Applied Statistics
PLOS Computational Biology	Biometrics
MMWR	Statistics in Medicine
International Journal of Biostatistics	

Journal of the Royal Statistical Society Interface	Journal of Clinical Tuberculosis and Other Mycobacterial Diseases
American Journal of Epidemiology	BMC Infectious Diseases
Epidemiology	International Journal of Health Geographics
American Journal of Public Health	Information Fusion
Annals of Epidemiology	International Journal of Biological and Chemical Sciences
International Journal of Epidemiology	PlosOne
International Journal of Disease Surveillance	Scientific Reports
Emerging Infectious Diseases (EID)	Journal of Exposure Science and Environmental Epidemiology
Epidemics	BMC Medicine
Circulation	BMC Research Notes
Clinical Infectious Diseases	BMC Public Health
Virology	Addiction
Stroke	PNAS
Vaccine	Health Affairs
International Journal of Tuberculosis and Lung Disease	

#### **GRANT REVIEWING ACTIVITIES**

2023	NIH NIAID, ad hoc reviewer PRID
2022	NIH NIAID special review panel, ODSET
2021	NIH NIAID special review panel, Rapid Investigation of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) and Coronavirus Disease 2019 (COVID-19)
2020	MIDAS New Initiatives in COVID-19 rapid grant review
2019-present	National Institutes of Health Study Section; International and Cooperative Projects (ICP1): Emerging Global Leader Awards, standing member
2019	National Institutes of Health Study Section; Fellowship (F13): Infectious Diseases and Microbiology
2018	National Institutes of Health Study Section; International and Cooperative Projects (ICP1): Emerging Global Leader Awards (x2)
2018	National Institutes of Health Study Section; Fellowship (F13): Infectious Diseases and Microbiology
2017-present	Center For AIDS Research, Developmental grant review
2017	Medical Research Council, United Kingdom
2017	National Institutes of Health Study Section; Fellowship (F13): Infectious Diseases and Microbiology
2016	National Institutes of Health Study Section; Fellowship: Infectious Diseases and Microbiology
2012	Medical Research Council, UK
2010	Hong Kong Research Council

#### **MAJOR COMMITTEE RESPONSIBILITIES**

*National*

2022-Present Council Member, New England Statistical Society

- 2021-Present Data Monitoring Committee, “TB Screening Improves Preventive Therapy Uptake (TB SCRIPT trial)”, NIH/HNLBI
- 2019-2023 Steering committee, Modeling Infectious Disease Agent Study (MIDAS)
- 2019-present Data Monitoring Committee, “Point-Of-Care C-Reactive Protein-Based Tuberculosis Screening In People Living With HIV: A Randomized Trial”, NIH R61
- 2014-2015 Program Committee, Eastern North American Region, International Biometrics Society

*School wide*

- 2020-present Executive Committee, COVID-19 Biorepository Scientific Review Committee
- 2020-present Steering Committee, Hariri Institute for Computing and Computational Science & Engineering
- 2020-present Boston University Surveillance and Response Task Force
- 2017-2018 Co-chair, Salary equity Task Force
- 2017-2018 Educational Evaluation Subcommittee
- 2015 Strategic Thinking Steering Group
- 2011-2015 BUSPH Faculty Senate, elected
- 2007-2009 Gender Equity Tack Force

*Departmental*

- 2020-present Assistant chair, Biostatistics graduate programs committee
- 2019-2020 Co-chair, Biostatistics PhD curriculum review
- 2018-2019 Co-chair, Faculty search committee, Biostatistics
- 2019-present Biostatistics Executive Committee
- 2017-2020 Biostatistics Education Committee
- 2016-present Chair, PhD/MA admissions committee
- 2016-present Qualifying exam committee
- 2016-2020 Co-chair, Program Committee
- 2016-2019 Student award committee
- 2016-2019 Biostatistics MS program admissions committee
- 2015-2016 Biostatistics MS degree program development
- 2008-2016 Program Committee
- 2011-2017 Biostatistics Faculty Development Committee
- 2006-2008 Research Committee
- 2004-2006 Organizer, Public Health Surveillance Working Group, Harvard University
- 2002-2004 Student Recruiting Committee, Harvard University, Department of Biostatistics

**TEACHING EXPERIENCE AND RESPONSIBILITIES**

- 2011-2019 Instructor, EP 800, Selected Topics in Outbreak Investigations
- Spring 2011 Instructor, Inferential Methods in Infectious Diseases, Harvard School of Public Health
- 2010-Present Instructor, Quantitative Methods in Public Health Surveillance, Boston University School of Public Health
- 2007-2010 Instructor, Public Health Surveillance, Harvard School of Public Health

2008-2009	Instructor, Introduction to Biostatistics, Boston University School of Public Health
2006-2008	Instructor, Intro to Stat. Computing, Boston University School of Public Health
Fall 2005	Teaching Assistant, Methods I, Harvard University
Spring 2005	Teaching Assistant, Inference I, Harvard University
Summer 2004	Teaching Assistant, Summer Program in Epidemiology, Treviso, Italy
Spring 2004	Teaching Assistant, Methods II, Harvard University
Fall 2003	Teaching Assistant, Multivariate Data Analysis, Harvard University
Fall 2002/01	Teaching Assistant, Intro to Biostatistics, Harvard University
2000-2001	Teaching Assistant, Business Statistics, Utah State University

### MAJOR MENTORING ACTIVITIES

#### *Junior Faculty*

<b>Name</b>	<b>Department</b>	<b>Years</b>	<b>Role</b>
Joshua Barocas	Medicine (Infectious Diseases), Boston Medical Center	2020-present	K award mentor
Sabrina Assoumou	Medicine (Infectious Diseases), Boston Medical Center	2018-present	K award mentor
Sara Lodi	Biostatistics	2017-2020	Primary faculty mentor

#### *Postdoctoral trainees*

<b>Name</b>	<b>Department</b>	<b>Years</b>
Yanjia Zhang	Biostatistics	2021-present
Sarah Leavitt	Biostatistics	2020-2021
Tenglong Li	Biostatistics	2018-2021

#### *PhD students-Primary thesis advisor*

<b>Student</b>	<b>Department</b>	<b>Thesis title</b>	<b>Years</b>
Samantha Malatesta	Biostatistics	Inferring disease transmission dynamics from incomplete network data	2021-present
Jianing Wang	Biostatistics	Estimation of the prevalence of substance use disorders	2020-present
Sarah Van Ness Leavitt	Biostatistics	Exploration of infectious disease transmission dynamics using the relative probability of direct transmission between patients	2017-2020
Kristin Baltrusaitis	Biostatistics	Comparative evaluation of methods that adjust for reporting biases in participatory surveillance systems	2016-2019

Yicheng Ma	Biostatistics	Addressing censoring issues in estimating the serial interval for tuberculosis	2015-2019
Avery McIntosh	Biostatistics	Extensions to Bayesian generalized linear mixed effects models for household tuberculosis transmission	2014-2017
Carlee Moser	Biostatistics	A Bayesian framework for incorporating multiple data sources and heterogeneity in the analysis of infectious disease outbreaks	2010-2013

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*PhD students-Other advising*

<b>Student</b>	<b>Department</b>	<b>Years</b>	<b>Role</b>
Xutao Wang	Biostatistics	2022-present	Thesis committee
Henry Bayly	Biostatistics	2022-present	Research assistant advisor
Laura Buckley	Environmental Health	2022	Oral exam committee
Rachel Ehrbar	Biostatistics	2021-present	Thesis committee
Zhenwei Zhou	Biostatistics	2020-2022	Thesis committee Research assistant advisor
Benjamin Rader	Epidemiology	2020-present	Thesis committee
Wenrui Li	Statistics	2020-2021	Thesis committee
Zachary Baucom	Biostatistics	2020-2022	Thesis committee
Kate Connolly	Environmental Health	2020	Oral exam committee
Alicia Chua	Biostatistics	2019-2021	Thesis committee
Carly Rodriguez	Epidemiology	2018-2020	Research assistant advisor
Kristina Yamkovoy	Biostatistics	2018-2019	Research assistant advisor
Wenqing Jiang	Biostatistics	2018-2022	Research assistant advisor
Lauren Barber	Epidemiology	2018-2021	Thesis committee
Yue Zhao	Bioinformatics	2017-2020	Thesis committee
Julia Bauer	Environmental Health	2017	Oral exam committee
Kristin Baltrusaitis	Biostatistics	2016-2017	Biostatistics PhD rotation supervisor
Rose Chang	Epidemiology, Harvard T.H. Chan School of Public Health	2016-2017	Thesis committee
Matthew Berger	Epidemiology	2011-2015	Thesis committee
Renny Li	Biostatistics	2007-2011	Thesis committee
Traci Bethea	Environmental Health	2009-2011	Thesis committee
Jian Rong	Biostatistics	2006-2009	Thesis committee

Justin Manjourides	Biostatistics, Harvard T.H. Chan School of Public Health	2007-2009	Thesis committee
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*Masters students*

<b>Student</b>	<b>Department</b>	<b>Years</b>	<b>Role</b>
Nico D'Angelo	Population Health	2021-2022	Practicum supervisor
Carly Shimota	Biostatistics	2021-2022	Practicum supervisor
Joseph Tumblin	Biostatistics	2019-2020	Practicum supervisor
Blake Smith	Biostatistics	2018-2019	Practicum supervisor
Kacie Hoyt	Epidemiology	2016-2017	Thesis committee
Musheng Alishahi	Epidemiology	2016-2017	Thesis committee
Theodore Tsacogianis	MPH	2014	Practicum supervisor
Amy Bettano	Epidemiology	2011-2012	Practicum supervisor
Emily Carroll	Epidemiology	2011	Directed study advisor

*Undergraduate students*

<b>Student</b>	<b>Department</b>	<b>Years</b>	<b>Role</b>
Catherine Albright	Mathematics	2021-2022	UROP supervisor
Aditya Thakur	Economics/Math	2021-2022	UROP supervisor
Winnie Mei	Statistics	2021-2022	UROP supervisor
Abriana Tasillo	Mathematics	2014-2015	Senior Honors Thesis

**PROFESSIONAL SOCIETIES: MEMBERSHIPS**

American Statistical Association  
 International Biometrical Society  
 International Union Against Tuberculosis and Lung Disease

**CURRENT OTHER SUPPORT**

2021-2026, NIH/NIGMS R35 GM141821-01; Role: Principal Investigator, *Tools for Transmission of Agents and Conditions (TRAC)*. PI: White

2019-2024, NIH/NIAID P30AI042853; Role: Biostatistician, *LIFESPAN/TUFTS/BROWN Center for AIDS Research (CFAR): Biostatistics*, PI: Horsburgh (BU Subcontract) (annual direct costs: \$1,814,410)

2019-2024 NIH/NIAID R01 AI147316; Role: Co-Investigator, *Transmission of Tuberculosis Among illicit drug use Linkages (TOTAL)*, PI: Jacobson (annual direct costs: \$539,870)

2018-2023 NIH/NIDA R01DA046527-01; Role: Co-Investigator, *Researching effective strategies to prevent opioid death (RESPOND)*. PI: Linas (annual direct costs: \$462,179)

2017-2022, NIH/NIGMS R01 GM122876; Role: Principal Investigator, *Methods to estimate the effect of interventions on the incidence and transmission of Tuberculosis*. PI: White (annual direct costs: \$227,432)

2018-2022 NIH/NCI 5U01CA164974, Role: Biostatistician, *A follow-up study for causes of cancer in black women*, PI: Rosenberg (annual direct costs: \$1,814,410)

**PAST OTHER SUPPORT**

2016-2021 NIH/NIAID R01 AI119; Role: Co-Investigator, *The Impact of Alcohol Consumption on TB Treatment Outcomes (TRUST)*, PI: Jacobson (annual direct costs: \$544,423)

2019-2021 Robert Wood Johnson Foundation, Role: Biostatistician, *Impact of health insurance type and transitions on treatment for opioid use*, PI: LaRoche (annual direct costs: \$55,105)

2015-2020 NIH/NIDA, 1P30 DA040500-01, Role: Biostatistician, *Health Economics of Substance Use Disorder, HCV, and HIV Treatment in the Era of Integrated Health Care*, PI: Benjamin Linas. (annual direct costs: \$116,639)

2014-2021, NIH/NIAID, 1 U19 AI1-11276-01, Role: Co-Investigator, *Biomarkers and Mechanisms of Paucibacillary and Latent Tuberculosis*, PI: Jerrold Ellner (annual direct costs: \$124,114)

2015-2019, NIH/NIAID, R01 AI124217, Role: Co-Investigator, *The Impact of Pregnancy on M. tuberculosis Infection and Disease*, PI: Jerrold Ellner (subcontract annual direct costs: \$17,944)

2013-2018 CRDF Global (NIH/NIAID), USB1-31150-XX-13, Role: Co-Investigator, *Biomarkers for Risk of TB and for TB Treatment Failure and Relapse*, PI: Jerrold Ellner (annual direct costs: \$99,882)

2013-2018, NIH/NIAID, USB1-31150-XX-13, Role: Co-Investigator, *Biomarkers for Risk of TB and for TB Treatment Failure and Relapse*, PI: Jerrold Ellner (subcontract annual direct costs: \$18,745)

2011-2017 National Institutes of Health, R01 ES019573-01A1, Role; Biostatistician, *Air pollution and risk of incident hypertension and diabetes in U.S. black women*, PI: Patricia Coogan (annual direct costs: \$482,698)

2012-2016, NIH/NIDA, R01 DA031059, Role: Biostatistician, *Simulation Modeling to Improve HIV/HCV Screening, Treatment and Care*, PI: Benjamin Linas (annual direct costs: \$340,207)

2005-2015 NIH/NIAID, U01 AI065663, Role: Biostatistician, *International Collaboration for Infectious Diseases Research (ICIDR Program) – US-Brazil Strain Collaboration on Immunity and Biomarkers in TB*, PI: Jerrold Ellner (annual direct costs: \$605,629)

2009-2014 National Institutes of Health, U54 GM088558-03, Role: PI on sub contract, *MIDAS Center for Communicable Disease Dynamics*, PI: Marc Lipsitch.

2011-2014 National Institutes of Health, R01 HL107314-03, Role: Biostatistician, *Psychosocial Factors and the Risk of Incident Asthma in African American women*, PI: Patricia Coogan.

2007-2011 R01 HL081399-01A1 Role: C-Investigator, *Effect of Urban Form on Exercise and BMI in Black Women*, PI: Patricia Coogan.

2006-2010 R01 EB006195-18 Role: Co-Investigator, *Statistical Model of the AIDS Epidemic*, PI: Marcello Pagano.

#### **INVITED LECTURES AND PRESENTATIONS**

##### *International*

Jul 2008 World Congress on Probability and Statistics, Singapore, "Estimation of the Reproductive Number and Serial Interval with an application to the 1918 Influenza Pandemic".

##### *National*

Mar 2023 11<sup>th</sup> Annual Workshop to Increase Diversity in Mathematical Modeling and Public Health, Boston MA. "Statistical Issues in Infectious Diseases"

May 2019 Modeling Infectious Disease Agents annual meeting, Washington, DC. "Unraveling tuberculosis transmission patterns"

Mar 2019 University of Pittsburgh Public Health Dynamics Lab Seminar Series. "Unraveling Tuberculosis Transmission Patterns"

Jan 2019 ICERM workshop, Brown University, Providence RI, "Statistical approaches to understanding tuberculosis transmission dynamics"

May 2018 Modeling Infectious Disease Agents annual meeting, Washington, DC. "Community transmission of Tuberculosis through the lens of household contact studies"

Aug 2012 Joint Statistical Meetings, San Diego CA. "Heterogeneity in Disease Transmission Parameters"

Nov 2006 Meetings of the American Public Health Association, Boston MA, "Statistical Methods for the Detection and Quantification of Infectious Disease Epidemics".

##### *Regional*

Oct 2022 Mycobacterium Symposium, Cambridge MA. "Understanding tuberculosis transmission through the integration of multiple data sources"

Nov 2020 Hearts for the Homeless, Boston MA



- Jun 2017 Biostatistics Summer Program for Underrepresented Minorities, Harvard TH Chan School of Public Health, Boston MA.
- Apr 2017 CFAR Research Integration Seminar Series, Boston MA.
- Feb 2017 University of Massachusetts, Amherst Biostatistics Seminar. “The role of community in household contact studies of Tuberculosis”
- Feb 2017 New England HIV Implementation Science Network Regional Workshop: The Mathematics of Disease - Using Modeling Research in HIV/AIDS Prevention and Care, Providence RI, “Modeling community exposure to Tuberculosis in Household Contact studies”
- Mar 2015 Faculty Student Seminar Series, BUSPH Department of Biostatistics, “Statistical Methods for evaluations Infectious Disease Outbreaks”
- Oct 2013 Environmental Statistics Working Group, Harvard School of Public Health “Assessing the relationship between ambient air pollution and diabetes and hypertension in the Black Women’s Health Study”
- Oct 2013 Quantitative Methods Core Seminar, UMass Medical School “Characterizing Infectious Disease Outbreaks: Traditional and Novel Approaches”
- Feb 2010 Department of Mathematics, Smith College, “Statistics and Infectious Disease Outbreaks”.
- Oct 2009 Public Health Surveillance Working Group, Harvard University “Estimation of the Reproductive Number and the Serial Interval in Early Phase of the 2009 Influenza the Current Influenza A/H1N1 Pandemic in the USA”.
- May 2007 Public Health Surveillance Working Group, Harvard University, “Statistical Estimation of Infectious Disease Outbreaks”,
- Oct 2007 New England Medical Center, Biostatistics Seminar Series, Boston, MA , “New Statistical Methods to Estimate Epidemic Parameters with an application to the 1918 Influenza Pandemic”.
- Nov 2003 Public Health Surveillance Working Group, Harvard University, “A Survey of Clustering Literature for Public Health”.

**OTHER LECTURES AND PRESENTATIONS**

- Dec 2021 Epidemics, virtual, “What can a model tell us about the role of reinfection on the risk of TB disease progression?” (oral presentation)

- Oct 2021 Union Conference, virtual, “Natural history of tuberculosis among untreated patients: a review and meta-analysis” (oral presentation)
- May 2021 MIDAS meeting, virtual, “Natural history of tuberculosis among untreated patients: a review and meta-analysis” (poster)
- Dec 2019 Epidemics conference, Charleston South Carolina, “Household contact studies for tuberculosis: bias and opportunities for community inferences” (oral presentation)
- Dec 2019 Epidemics conference, Charleston South Carolina, “Using cure models to estimate the serial interval of tuberculosis” (poster)
- Aug 2019 Johns Hopkins University tuberculosis research group, “Statistical approaches to estimating tuberculosis transmission patterns”
- Dec 2017 International Conference on Infectious Disease Dynamics, Barcelona, Spain, “Community Transmission of Tuberculosis in Household Contact Studies” (poster)
- Dec 2015 International Conference on Infectious Disease Dynamics, Clearwater, FL, “Estimating Age-Specific Reproductive Numbers – A Bayesian Approach” (poster)
- Mar 2015 ENAR, Miami, FL, “Temporal Aspects of Air Pollution Metrics”
- Oct 2013 American Public Health Association, Boston, MA, USA, session organizer, “Meeting the threat of infectious diseases with statistical models: Influenza as a case study”
- Feb 2012 MIDAS Meeting, Boston, MA, USA, “Age-varying Transmission Parameter Estimates in an Epidemic”
- Dec 2011 Epidemics, Boston, MA, USA, “Heterogeneity in Influenza Transmission Parameters”
- Dec 2009 Epidemics 2, Athens Greece, “Estimation of the Reproductive Number and the Serial Interval in Early Phase of the 2009 Influenza the Current Influenza A/H1N1 Pandemic in the USA”
- Aug 2007 Joint Statistical Meetings, Salt Lake City, UT, “Statistical Modeling of Infectious Disease Epidemics”, Joint Statistical Meetings, Salt Lake City, UT, August 2, 2007.
- Mar 2006 ENAR, Tampa, FL, “A Likelihood-Based Approach to the Quantification of the Spread of an Infectious Disease”.

**PUBLICATIONS**

**ORIGINAL, PEER REVIEWED ARTICLES (TRAINEES UNDERLINED)**

ORCID ID 0000-0002-0588-8235

MYNCBI:

<http://www.ncbi.nlm.nih.gov/sites/myncbi/1bGSY82QOtdkm/bibliography/45765905/public/?sort=date&direction=ascending>

1. Stoddard M, Yuan L, Sarkar S, Mangalaganesh S, Nolan RP, Bottino D, Hather G, Hochberg NS, **White LF**, Chakravarty A. Heterogeneity in vaccinal immunity to SARS-CoV-2 can be addressed by a personalized booster strategy. 2023, *Vaccines*, *accepted*.
2. Myers B, Carney T, Rooney J, Malatesta S, Ragan EJ, **White LF**, NatchevaH, Bouton T, Weber S, Farhat M, McIlleron H, Theron D, Parry CDH, Horsburgh CR, Warren RM, Jacobson KR. Smoked drug use in South Africans with tuberculosis is associated with higher disease burden. *Int J Tuberc Lung Dis*, 2023, *accepted*.
3. Malatesta S, Weir IR, Weber SE, Bouton TC, Carney T, Theron D, Myers B, Horsburgh CR, Warren RW, Jacobson KR, **White LF**. Methods for Handling Missing Data in Serially Sampled Sputum Specimens for Mycobacterial Culture Conversion Calculation. 2022 *BMC Med Res Methodol*, *accepted*.
4. Stoddard M, Novokhodko A, Sarkar D, Van Egeren D, **White LF**, Hochberg NS, Rogers MS, Zetter B, Joseph-McCarthy D, Chakravarty A. Endemicity is not a victory: the unmitigated downside risks of widespread SARS-CoV-2 transmission. 2022 *COVID*, *accepted*.
5. Barber LE, VoPham T, **White LF**, Roy HK, Palmer JR, Bertrand KA. Circadian disruption and colorectal cancer incidence in Black women. 2022 *Cancer Epidemiol Biomarkers Prev*, *accepted*.
6. Zhou Z, Thompson RN, Kolaczyk ED, **White LF**. Estimation of heterogeneous instantaneous reproduction numbers with application to characterize SARS-CoV-2 transmission in Massachusetts counties. *Plos Comput Biol*. 2022;18(9):e1010434.
7. Hall SM, Landaverde L, Gill CJ, Yee GM, Sullivan M, Doucette-Stamm L, Landsberg H, Platt JT, **White LF**, Hamer DH, Klapperich CM. Comparison of Anterior Nares CT Values in Asymptomatic and Symptomatic Individuals Diagnosed with SARS-CoV-2 in a University Screening Program. *PLoS One*. 2022; 17(7):e0270694. PMID: 35830378.
8. Horsburgh CR, Jo Y, Nichols B, Jenkins HE, Russell CA, **White LF**. The contribution of reinfection to annual rate of tuberculosis infection (ARI) and incidence of TB disease. *Clin Infect Dis*. 2022 Jun 06. PMID: 35666515.
9. Petros B, Turcinovic J, Welch NL, **White LF**, Kolaczyk ED, Bauer MR, Cleary M, Dobbins ST, Doucette-Stamm L, Gore M, Nair P, Nguyen TG, Rose S, Taylor BP, Tsang D, Wendlandt E, Hope M, Platt JT, Jacobson KR, Bouton T, Yune S, Auclair JR, Landaverde L, Klapperich CM, Hamer DH, Hanage WP, MacInnis BL, Sabeti PC, Connor JH, Springer M. Early introduction and rise of the Omicron SARS-CoV-2 variant in highly vaccinated university populations. *Clin Infect Dis*. 2022 May 25. PMID: 35616119.
10. Bouton TC, Atarere J, Turcinovic J, Seitz S, Sher-Jan C, Gilbert M, **White LF**, Zhou Z, Hossain M, Overbeck V, Doucette-Stamm L, Platt J, Landsberg H, Hamer DH, Klapperich C, Jacobson KR, Connor JH. Viral dynamics of Omicron and Delta SARS-

- CoV-2 variants with implications for timing of release from isolation: a longitudinal cohort study. *Clin Infect Dis*. 2022 Jun 23. PMID: 35737948.
11. Li W, **White LF**, Kolaczyk ED. Estimation of local time-varying reproduction numbers in noisy surveillance data. *Phil Trans A*, *accepted*.
  12. **White LF**, Murray EJ, Chakravarty A. The role of schools in driving SARS-CoV-2 transmission: Not just an open-and-shut case. *Cell Rep Med*. 2022 Mar 15; 3(3):100556. PMID: 35474742.
  13. Epstein RL, Wang J, **White LF**, Kapadia SN, Morgan JR, Bao Y, Linas BP. Impact of Medicaid hepatitis C virus treatment policies on hepatitis C testing and treatment rates in US commercially insured individuals. *Am J Prev Med*. 2022 Sep; 63(3):e87-e98. PMID: 35725599.
  14. Runels TN, Ragan EJ, Ventura A, Winter M, **White LF**, Horsburgh CR, Samet JH, Saitz R, Jacobson KR. Testing and treatment for latent tuberculosis infection in people living with HIV and substance dependence: a prospective cohort study. *BMJ Open*. 2022 03 10; 12(3):e058751. PMID: 35273063.
  15. Carney T, Rooney JA, Niemand N, Myers B, Theron D, Wood R, **White LW**, Meade C, Chegou NN, Ragan E, Walzl G, Horsburgh CR, Warren RM, Jacobson KR. Transmission Of Tuberculosis Among illicit drug use Linkages (TOTAL): a cross-sectional observational study protocol using respondent driven sampling, *PlosOne*, 2022 Feb 15;17(2):e0262440 PMID: 35167586 PMCID: PMC8846525
  16. Morgan JR, Quinn EK, Chaisson CE, Ciemins E, Stempniewicz N, **White LF**, Linas BP, Walley AY, LaRochelle MR. Variation in initiation, engagement, and retention on medications for opioid use disorder based on health insurance plan design. *Med Care*. 2022 Mar 1;60(3):256-263. PMID: 35026792 PMCID: PMC8852217
  17. Asundi A, Olson A, Jiang W, Varshney SP, **White LF**, Sagar M, Lin NH. Integrase inhibitor use associated with weight gain in women and incident diabetes mellitus. *AIDS Res Hum Retroviruses*. 2022 03; 38(3):208-215. PMID: 34877881.
  18. Sinha P, **White LF**, Hochberg NS, Cegielski P. Avoiding pitfalls in calculating the population attributable fraction of undernutrition for tuberculosis. *Int J Tuberc Lung Dis* 2022, Jan 1; 26(1):80. PMID: 34969436
  19. Li W, Kolaczyk ED, **White LF**. Projecting Quarantine Utilization during a Pandemic. *Am J Public Health*. 2022 02; 112(2):277-283. PMID: 35080960.
  20. Leavitt SV, Horsburgh CR, Lee R, Tibbs A, Jenkins HE, **White LF**. What can genetic relatedness tell us about risk factors for tuberculosis transmission? *Epidemiology*, 2022 Jan 1;33(1):55-64. PMID: 34847084 PMCID: PMC8638913
  21. Barocas JA, Savinkina A, Lodi S, Epstein RL, Bouton TC, Sperring H, Hsu HE, Jacobson KR, Schechter-Perkins EM, Linas BP, **White LF**. Projected long-term impact of the COVID-19 pandemic on hepatitis C outcomes in the United States: a modelling study. *Clin Inf Dis* 2021 Sep 9;ciab779. PMID: 34499124 PMCID: PMC8522427
  22. Rodriguez C, Li T, Self JL, Jenkins HE, Horsburgh CR, **White LF**. Genotyping indicates marked heterogeneity of tuberculosis transmission in the United States, 2009–2018. *Epi Inf*, *accepted*.
  23. Morgan JR, Quin EK, Chaisson CE, Ciemins E, Stempniewicz N, **White LF**, LaRochelle MR. Potential barriers to filling buprenorphine and naltrexone prescriptions among a retrospective cohort of individuals with opioid use disorder. *J Subst Abuse Treat* 2022 Feb;133:108540. PMID: 34148756 PMCID: PMC8693788

24. Flam-Ross J, Lown J, Patil P, **White LF**, Wang J, Perry A, Bailer D, McKenzie M, Thigpen A, Newman R, Lincoln M, McKinney T, Bernson D, Barocas JA. Factors Associated with Opioid-Involved Overdose Among Previously Incarcerated People in the U.S.: A Community Engaged Narrative Review. *Iny. J. Drug Policy*, 2021 Dec 9;100:103534. PMID: 34896932
25. Sy KTL, **White LF**, Nichols BN. Reproducible science is vital for a stronger evidence base during the COVID-19 pandemic. *Geogr. Anal* 2021 Nov 16;10.1111/gean.12314. PMID: 34898694 PMCID: PMC8652901
26. Thomas AS, Moreau Y, Jiang W, Isaac JE, Ewing A, **White LF**, Kourtis AP, Sagar M. Pre-existing infant antibody-dependent cellular cytotoxicity associates with reduced HIV-1 acquisition and lower morbidity. *Cell Rep Med* 2021 Oct 19;2(10):100412. PMID: 34755132 PMCID: PMC8561235
27. Barber L, Gerlovin H, Bertrand KA, **White LF**, Roy HK, Adams-Campbell LL, Rosenberg L, Paler JR. Predicted vitamin D status and colorectal cancer incidence in the Black Women's Health Study. *Cancer Epidemiol Biomarkers Prev.* 2021 Dec;30(12):2334-2341. PMID: 34620630 PMCID: PMC8643345
28. Eddy JJ, Seth B, **White LF**, Sulis CA, Fagan MA, Bernardo J. Decreasing time spent in airborne infection isolation during TB testing. *Int J Tuberc Lung Dis* 2021 Aug 1;25(8):665-667. PMID: 34330353
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1. **L Forsberg White** and M Pagano. Estimation of Infectious Disease Transmission Parameters. 2007 Proceedings of the American Statistical Association, Biometrics Section [CD-ROM], ASA 2007.
2. A Ozonoff, M Bonetti, **L Forsberg**, C Jeffery, M Pagano. The distribution of interpoint distances, cluster detection and syndromic surveillance. 2004 Proceedings of the American Statistical Association, Biometrics Section [CD-ROM]. ASA 2004.
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