

ASHLEY F. RAILEY

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Updated: September 2022

EMPLOYMENT

Assistant Professor

Department of Sociology, Oklahoma State University

Fall 2022-Current

Post-Doctoral Fellow

Department of Sociology, Indiana University

2020-2022

Institute for Research and Education to Advance Community Health,

2019-2020

Washington State University

EDUCATION

Ph.D. in Interdisciplinary Studies (Economics, Epidemiology, Sociology)

2015-2019

Washington State University

M.A. in International Business Administration, University of Denver

2011-2012

B.A. in International Relations, Gonzaga University

2008-2011

RESEARCH AREAS

Primary: Health Economics, Social Psychology

Secondary: Health Services & Delivery, Health Disparities

PUBLICATIONS

AD Boyd, **AF Railey**, AW Kirkpatrick, Y-C Hsu, C Muller, D Buchwald. "Communication preferences and perceptions about Alzheimer's disease and research studies among American Indian and Alaska Native people." *Alzheimer's & Dementia: Translational Research and Clinical Interventions*, 8:e12302, 2022

AF Railey, K Schaefer, M Todd, D Dillard, A Fyfe-Johnson, and R Rosenman. "Choice of home blood pressure monitoring device: the role of device characteristics among Alaska Native and American Indian peoples" *BMC Cardiovascular Disorders*, 22(19), 2022.

AF Railey, C Muller, K Sinclair, C Noonan, M Schmitter-Edgecombe, M Look, and JK Kaholokula. "Cost-effectiveness of a cultural physical activity to reduce blood pressure among Native Hawaiian adults with hypertension." *Pharmacoeconomics-Open*, 1-10, 2021.

AF Railey and TL Marsh. "Economic benefits of diagnostic testing in livestock: Anaplasmosis in cattle." *Frontiers in Veterinary Science*, 8, 2021.

BL Perry, B Aronson, **AF Railey**, and C Ludema. "If you build it they may not come: Social, economic, and psychological determinants of COVID-19 testing decisions." *PLoS One*, 16(7), 2021.

AF Railey, F Lankester, T Lembo, R Reeve, G Shirima, and TL Marsh. "Enhancing livestock vaccination decision-making through rapid diagnostic testing." *World Development Perspectives*, 16, 2019.

AF Railey and TL Marsh. "A rational explanation of limited FMD vaccine uptake in endemic regions." *Pathogens*, 8(4), 2019.

AF Railey, T Lembo, GH Palmer, G Shirima, and TL Marsh. "Spatial and temporal risk as drivers for adoption of foot and mouth disease vaccination," *Vaccine*, 36, 2018.

- **Media:** "Tanzanian farmers don't vaccinate against foot and mouth disease. Here's why." (March 2019). *The Conversation*.

MANUSCRIPTS UNDER REVIEW

AF Railey, AR Roth, AC Krendl, and BL Perry. “Intergroup contact with people who use drugs: A personal network approach” under review *Social Science and Medicine*

AD Boyd, **AF Railey**, AW Kirkpatrick, Y-C Hsu, A Fyfe-Johnson, C Muller, D Buchwald. “Social media use among American Indian and Alaska Native people: Implications for health communication strategies” under tribal review

C Muller, **AF Railey**, M Jernigan, E Strachan, A Omidpanah, A Echo Hawk, D Buchwald. “Evaluation of a multimedia community campaign to increase colorectal cancer screening on two rural American Indian reservations” under review *Journal of Health Care for the Poor and Underserved*

WORKING PAPERS

AF Railey and TL Marsh. “Economic and human health impacts of substituting livestock antibiotics for vaccination: Empirical evidence from East Africa.”

AF Railey, S Kerfua, TL Marsh. “Perceptions of livestock quarantines at the Uganda/Tanzania border.”

AF Railey, TL Marsh. “Social and economic impacts of African Swine Fever in the Dominican Republic.”

S Kerfua, **AF Railey**, and TL Marsh. “Connecting transboundary livestock disease at the Tanzania/Uganda border to household income and consumption ”

AF Railey, AR Greene, K Mullis, BL Perry, and BA Pescosolido. “Designing an evidence-based campaign to ‘end stigma’ associated with opioid use disorder in rural Indiana.”

GRANTS

Pilot Grant, UC Davis Center for Food Animal Health 2022-2023
Decision sciences and web-crawling to understand backyard poultry and gamefowl owners’ motivations and economic impacts during a vND outbreak in Southern California \$20,000
Role: Co-Principal Investigator (w/ Maurice Pitesky)

RCORP-I HRSA-20-031, Federal Office of Rural Health Policy 2020-2023
Fayette County Rural Communities Opioid Response Program-Implementation \$1,000,000
Role: Key Personnel

Supplement to 5U19MH113135, National Institute of Mental Health 2020-2022
Social Connectedness and Behavioral Health Risks Among AI/AN Urban Adults \$250,519
Role: Key Personnel

Grand Challenge Program, Indiana University 2020-2021
Precision Health Initiative-Person to Person Health Interview Study \$6,182,772
Role: Post-doctoral Researcher

K99/R00 Pathway to Independence Award
National Institute on Minority Health and Health Disparities Submitted: June 2020
Ola Mau: Sustainability of a cultural physical activity intervention for hypertension in Native Hawaiians and other Pacific Islanders Requested: \$158,062
Role: Principal Investigator Score: 49 (not funded)

Pilot Grant, National Institute on Aging 2019-2020
Native Alzheimer’s Disease Resource Center for Minority Aging Research \$20,000
Role: Principal Investigator

IREACH Professional Development Grant, Washington State University 2020

Conference Travel Grant , Kansas State University	2018
Office of Research Travel Grant , Washington State University	2018
Graduate and Professional Student Association Travel Grant , Washington State University	2017

RESEARCH REPORTS

AF Railey, D Adamson, and J Rushton. “Economic Impact of the United States Adopting Point of Care Diagnostic Testing in Livestock.” Prepared for the Institute for Infectious Animal Disease, Texas A&M University for USDA APHIS. 2022.

J Blackburn, H Taylor, Aaron Zych, A Osterholt, D Lynch, N Menachemi, M Greene, BA Pescosolido, BL Perry, **AF Railey**, K Simon, and C Wing. “Cost of untreated mental illness in the State of Indiana.” Prepared for WISE Indiana for Indiana FSSA Division of Mental Health and Addiction. 2022.

R Ortiz, A Ferreira, J Mendez, **AF Railey**, G Rosario, J Santos, C Solis. “Plan de Respuesta de la República Dominicana a la Peste Porcina Africana (PPA) en el mediano y largo plazo.” Prepared for the Dominican Republic Ministry of Agriculture. 2021.

FELLOWSHIPS AND AWARDS

Russ and Anne Fuller Interdisciplinary Fellowship , Washington State University	2017-2019
Bill and Melinda Gates Foundation PEHPL Fellowship , Washington State University	2015-2019
Korbel School of International Studies Merit-Based Scholarship , University of Denver	2011-2012
Women’s Soccer Scholarship , Gonzaga University	2008-2011
Trustee Scholarship , Gonzaga University	2008-2011

ORGANIZED SYMPOSIUM

Western Agricultural Economics Association Annual Meeting “Multisectoral Livestock Biosecurity and Surveillance,” Coeur d’Alene, Idaho, USA.	2019
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INVITED TALKS

Indiana-University Purdue-University Indianapolis ECHO Center “Stigma associated with opioid use disorder: Using evidence to ‘end stigma’ in rural Indiana,” Indiana, USA	2022
Office of Public Health Studies, University of Hawai’i at Manoa “Cost-effectiveness of cultural physical activities to reduce blood pressure,” Honolulu, Hawai’i, USA	2020
Bill and Melinda Gates Foundation “Household decision-making for foot-and-mouth disease control,” Seattle, Washington, USA	2018
Boyd Orr Centre for Population and Ecosystem Health, University of Glasgow “Household-level preferences for early disease detection through diagnostic testing,” Glasgow, Scotland	2017
Center for Disease Control, Kenya Medical Research Institute “Identification of a risk management approach to FMD control in Tanzania,” Kisumu, Kenya	2016

PRESENTATIONS (current academic year *italicized*)

American Public Health Association Annual Meeting (Denver); *Agricultural and Applied Economics Association Annual Meetings* (Anaheim, Kansas City, Atlanta, Washington DC, Chicago); College of Medicine, Washington State University; College of Medical, Veterinary and Life Sciences, University of Glasgow (Scotland); EuFMD Open Session (Virtual 2020, Italy); *Harm Reduction Conference* (Puerto Rico); International Global Food Security Conference (South Africa); International Society for Economics and Social Sciences of Animal Health Conference (Virtual 2021, Atlanta, Scotland); *National Communication Association Annual Convention* (New Orleans); Nelson Mandela African Institute of Science and Technology (Tanzania); School of Public and Environmental Affairs, Indiana University; School of Veterinary Medicine, Washington State University; Society for Risk Analysis Annual Meeting (Online 2021).

RELEVANT EXPERIENCE

Economic Consultant	
University of Liverpool, UK	2022
Global Burden of Animal Disease Programme, Washington State University, USA	2022
Irsay Family Research Institute, State of Indiana, USA	2022
Ministry of Agriculture, Dominican Republic	2021
Research Assistant	2015-2019
Washington State University & Nelson Mandela African Institute of Science and Technology (Tanzania)	
Community Economic Development Advisor	2013-2015
United States Peace Corps, Dominican Republic	
Graduate Assistant	2011-2012
Student Athlete Support Services, University of Denver	

LEADERSHIP AND PROFESSIONAL SERVICE

Memberships Agricultural and Applied Economics Association; American Economic Association; American Society of Health Economists	
Journal Referee Agricultural and Resource Economics, American Journal of Preventative Medicine, BMC Public Health, Frontiers in Veterinary Science, Heliyon, Vaccines	
Review panel Agricultural and Applied Economics Association (Sections: International Development, Health Economics)	
Committees Department of Sociology Undergraduate Committee, Oklahoma State University	2022-2023
Co-founder Graduate and Professional Student Science Policy Initiative, Washington State University	2018-2019
Elected senator Graduate and Professional Student Association, Washington State University	2016-2019

SKILLS

Computer: Stata, R, Gauss, Latex
Languages: English (native), Spanish (advanced), Swahili (conversational)

REFERENCES

Upon Request