

Paige E. (Kallenberger) Harton, MPH

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SKILLS

- **Statistical Software:** SAS, R, SPSS
- **Data Management & Analysis:** Data cleaning, linkage, and analysis of large-scale health datasets; time-to-event and longitudinal analysis datasets
- **Epidemiologic Methods:** Target trial emulation, survival analysis, generalized estimating equations (GEE), Cox proportional hazards models, observational cohort studies
- **Tools & Platforms:** MS Excel, MS Access, MS PowerPoint, MS Word, SendSS, GRITS, Qualtrics, EndNote, Zotero, REDCap, EPIC
- **Research & Regulatory:** IRB submissions, study protocol development, manuscript preparation and publication
- **Languages:** Proficient in Spanish (Minor in Spanish, Study Abroad in Paraguay (2015))

PROFESSIONAL SUMMARY

Epidemiologist and PhD candidate specializing in infectious disease epidemiology and public health preparedness, with robust experience designing and implementing large-scale observational studies. Skilled in managing complex, multi-source health and surveillance data and applying advanced statistical methodologies. Proven ability to collaborate across multidisciplinary teams and translate complex data into actionable public health insights. Passionate about improving population health through rigorous, data-driven strategies.

EDUCATION

LANEY GRADUATE SCHOOL, EMORY UNIVERSITY, Atlanta, GA

Expected December 2025

- PhD, Epidemiology
 - Advisors: Allison Chamberlain, PhD and Robert Bednarczyk, PhD
 - Dissertation: Vaccines and Schools: Estimating the Impact of School-based Infectious Disease Mitigation Programs in Georgia
 - Dissertation Proposal Successfully Completed July 15, 2024

ROLLINS SCHOOL OF PUBLIC HEALTH, EMORY UNIVERSITY, Atlanta, GA

May 2021

- MPH, Epidemiology

KANSAS STATE UNIVERSITY, Manhattan, KS

December 2015

- B.S. in Psychology, Spanish Minor

PROFESSIONAL & RESEARCH EXPERIENCE

ROLLINS SCHOOL OF PUBLIC HEALTH, EMORY UNIVERSITY

Atlanta, GA

Assessing Associations of Influenza Vaccination at School-based Influenza Vaccine Clinics on Future Influenza Vaccine Receipt among Children in Georgia (in progress)

Principal Investigator: Paige Harton

Principal Investigator and PhD Student Lead

August 2024-Present

- Conducted literature review of school-based influenza vaccination programs
- Developed research questions and design study analysis plan for survival analysis
- Created IRB protocol for study team use and submission to IRB
- Submitted study protocol and other required documents to Emory IRB and Georgia Department of Public Health (DPH) IRB for formal approval
- Requested necessary datasets from DPH
- Built shell R code for data cleaning to utilize upon receipt of data

COVID-19 Vaccine Effectiveness among Children and Adolescents in a Large Urban School District (in progress)

Principal Investigator: Dr. Allison Chamberlain and Dr. Elizabeth Rogawski-McQuade

PhD Student Lead

August 2022-Present

Study Design, Protocol Development, and Study Coordination

- Collaborated with faculty and staff researchers, federal and state public health agencies, and local school district staff to ensure alignment of study goals and analysis plans
- Synthesized current literature to identify knowledge gaps and inform study design

- Drafted study protocol for study team use and submission to IRB
- Submitted study protocol and other required documents to Emory IRB for formal approval
- Completed school district specific Research Request Application

Data Management and Statistical Analysis

- Designed formal analysis plan for target trial emulation and time to event primary analyses
- Created analysis plan for indirect effects secondary analysis
- Harmonized and cleaned real-world surveillance datasets, improving data quality for 75,001 students and over 1.29 million test results
- Linked vaccination, enrollment, and testing records utilizing unique identifiers in R
- Conducted target trial emulation, time-to-event, and matched cohort analyses using Cox Proportional Hazards models and Generalized Estimating Equations (GEE) methods

Results Interpretation and Dissemination

- Designed publication-ready visualizations to clearly communicate complex findings to both technical and non-technical stakeholders
- Drafted and revised manuscripts for academic publication

Characterizing Changes in Social Contact during the COVID-19 Pandemic, in KwaZulu-Natal, South Africa

Principal Investigator: Dr. Kristin Nelson

PhD Student Lead

July 2022-December 2023

- Quantitatively evaluated characteristics of 305 pre-XDR and XDR Tuberculosis participants in R
- Developed contact matrix in R based on participant reported contacts
- Calculated close and casual contact rates based on participant reported contacts and locations
- Wrote and submitted abstract for conference presentation
- Presented poster of results at 2023 EPIDEMICS Conference in Bologna, Italy

GEORGIA DEPARTMENT OF PUBLIC HEALTH (DPH)

Atlanta, GA

DPH Community Liaison to CORE

June 2021-March 2025

- Coordinated statewide communication between DPH leadership and public health districts to mobile vaccination contractors providing over 20 vaccination events per month
- Communicated and ensured DPH needs were understood and met by contractor
- Responded to critical vaccine deployment issues and ensured DPH leadership were aware of all urgent matters
- Assisted with \$12M budget and contract execution

EMORY COVID-19 RESPONSE COLLABORATIVE (ECRC)

Atlanta, GA

Primary Data Collection

August 2021-October 2021

- Qualitatively evaluated family medicine practice websites to collect variables related to COVID-19 vaccination
- Contributed to development of variable collection list and data collection instrument
- Assisted with manuscript write up for publication

Graduate Research Assistant

June 2020-August 2021

- Developed fellowship handbook with ECRC administration to provide concrete program information to fellows
- Created roadmap for fellowship curriculum development steering committee to guide meetings
- Built key new media content

Thesis Project

September 2020-May 2021

- Created and administer a Qualtrics survey to 1200 Georgians related to their attitudes and perceptions toward various COVID-19 mitigation strategies
- Developed SAS code for analysis
- Analyzed study results using frequencies and various regression modeling methods in SAS
- Drafted manuscript for thesis submission

CENTERS FOR DISEASE CONTROL AND PREVENTION (CDC)

Atlanta, GA

SWEPP Intern

May 2020-October 2020

Center for Preparedness and Response, Division of State and Local Readiness, Evaluation & Analysis Branch

- Collaborated with Evaluation team members to prepare the Operational Readiness Review (ORR) 2.0
- Reviewed 15 public health preparedness capability measures and prepared documents to communicate difficulty and priorities levels with team

- Analyzed medical countermeasure summary reports

FULTON COUNTY MEDICAL RESERVE CORPS (MRC)

Steering Committee Member

COVID-19 Volunteer Coordinator

Atlanta, GA

December 2019-December 2021

March 2020-September 2020

- Coordinated with over 150 MRC volunteers and the Fulton County Board of Health to fill project needs including testing site, call center, and special event staffing in response to COVID-19 pandemic
- Created new scheduling and logistics tools to provide effective coordination of volunteer efforts
- Engaged with steering committee members about potential events and trainings to support the MRC
- Acted as a liaison between Emory's Student Outbreak and Response Team (SORT) and the MRC to ensure alignment of both groups' interests, and to recruit members to join the MRC

GEORGIA EMERGING INFECTIONS PROGRAM (GAEIP)

Research Interviewer

Atlanta, GA

October 2019-June 2020

- Collected surveillance data with Active Bacterial Core surveillance (ABCs) team for routine case follow-ups to provide information to the Georgia Public Health Laboratory and the Centers for Disease Control and Prevention
- Utilized surveillance system databases to evaluate pertinent notifiable disease information
- Processed surveillance specimens in preparation for lab analysis, including influenza and foodborne illness samples
- Interviewed patients and providers regarding critical notifiable disease and patient history information
- Enrolled subjects in ABCs special studies to determine additional links between infection and severe illness
- Distributed the Georgia Provider Survey to physicians in Georgia to collect relevant data to inform GAEIP projects

UNIVERSITY OF KANSAS MEDICAL CENTER

Clinical Research Coordinator

Division of Pulmonary and Critical Care

Kansas City, KS

June 2017-June 2019

- Increased Pulmonary Hypertension research patient participation from 1 study patient from 2014-2017 to 11 study patients between 2018-2019
- Trained new and existing staff members on protocol specific procedures for all active and upcoming experimental drug clinical trials
- Worked with physicians, nurses, pharmacists, and laboratory personnel to ensure study activities are completed according to clinical trial protocol while prioritizing patient safety and welfare and adherence to ICH GCP standards
- Interviewed patients regarding medical history, medications, and other relevant information related to clinical trials, including safety and adverse event information
- Reviewed patient records in EPIC to identify potential clinical trial participants
- Coordinated with multiple pharmaceutical clinical trial sponsors to ensure regulatory requirements for trials were maintained appropriately
- Facilitated budget development by collaborating with KUMC and pharmaceutical officials
- Improved regulatory management across KUMC through Regulatory Management Group Discussion meetings collaborating with the Research Institute, other study teams, and research executives

KANSAS STATE UNIVERSITY

Undergraduate Research Assistant

Dr. Charles Pickens' Laboratory

Manhattan, KS

July 2014-December 2015

- Performed surgeries, cared for animals, and assisted with experimental testing and histological analysis of rats in conditioned fear experiments
- Presented research poster at Undergraduate Research Convocation and Society for Neuroscience (SFN) Conference
- Awarded Arts and Sciences Undergraduate Research Grant to continue research

NATIONAL INSTITUTE ON DRUG ABUSE

Biological Science Laboratory Aid/Technician

Dr. Yavin Shaham's Laboratory

Baltimore, MD

June 2015-August 2015

- Ran experiment and performed literature reviews on incubation of context induced methamphetamine seeking
- Cared for and contributed to experimental testing of rats and data analysis
- Awarded Outstanding Presentation Award for summer student poster session at National Institute on Drug Abuse

PUBLICATIONS

1. **Harton, P. E.**, Chamberlain, A. T., Moore, A., Fletcher, G., Nelson, K. N., Dean, N., Lopman, B., & Rogawski McQuade, E. T. (2025). Estimating COVID-19 vaccine effectiveness among children and adolescents using data from a school-based weekly COVID-19 testing program. *Vaccine*, 61, 127292. <https://doi.org/10.1016/j.vaccine.2025.127292>
2. Ackleh-Tingle, J. V., Jordan, N. M., Onwubiko, U. N., Chandra, C., **Harton, P. E.**, Rentmeester, S. T., & Chamberlain, A. T. (2022). Prevalence and Correlates of COVID-19 Vaccine Information on Family Medicine Practices' Websites in the United States: Cross-sectional Website Content Analysis. *JMIR Formative Research*, 6(11), e38425. <https://doi.org/10.2196/38425>
3. Masiello, M. M., **Harton, P.**, & Parker, R. M. (2020). Building Vaccine Literacy in a Pandemic: How One Team of Public Health Students Is Responding. *Journal of Health Communication*, 25(10), 753–756. <https://doi.org/10.1080/10810730.2020.1868629>
4. **Harton P**, Reishus K. *Combating COVID-19 Virtually: A Student Organization Perspective on Becoming Involved in the COVID-19 Response - JPHMP Direct*. (2020, March 23). <https://jphmpdirect.com/student-organization-perspective-covid-19-response/>
5. Pickens, C. L., **Kallenberger, P.**, Pajser, A., & Fisher, H. (2019). Voluntary alcohol access during adolescence/early adulthood, but not during adulthood, causes faster omission contingency learning. *Behavioural Brain Research*, 370, 111918. <https://doi.org/10.1016/j.bbr.2019.111918>
6. Adhikary, S., Caprioli, D., Venniro, M., **Kallenberger, P.**, Shaham, Y., & Bossert, J. M. (2017). Incubation of extinction responding and cue-induced reinstatement, but not context- or drug priming-induced reinstatement, after withdrawal from methamphetamine. *Addiction Biology*, 22(4), 977–990. <https://doi.org/10.1111/adb.12386>

LEADERSHIP

ROLLINS SCHOOL OF PUBLIC HEALTH, Emory University

INFECTIOUS DISEASE DYNAMICS (EPI 570)

Atlanta, GA

January 2024-May 2024

Graduate Teaching Assistant

- Oversaw final modeling projects for 3 primary groups
- Evaluated assignments and provided individualized feedback to support student learning across lab and project work

PUBLIC HEALTH PREPAREDNESS AND PRACTICE (EPI 564)

August 2022-December 2023

Graduate Teaching Assistant

- Assisted with in class activities
- Organized project groups and connect with guest lecturers to prepare in class lectures
- Evaluated assignments and provided individualized feedback to support student learning across homework and group project work

EPIDEMIOLOGIC METHODS II (EPI 540)

January 2023-May 2023

Graduate Teaching Assistant

- Taught lab section weekly
- Developed weekly lab review and activity materials
- Evaluated assignments and provided individualized feedback to support student learning across homework, quizzes and exams

EPIDEMIOLOGIC METHODS III (EPI 550)

August 2021-December 2021

Graduate Teaching Assistant

- Taught lab section weekly
- Developed weekly lab review and activity materials
- Evaluated assignments and provided individualized feedback to support student learning across homework, quizzes and exams

EMERGING INFECTIOUS DISEASES COURSE (EPI 562)

January 2021-May 2021

Graduate Teaching Assistant

- Developed quiz and exam materials
- Organized project groups and connected with guest lecturers to prepare in class lectures

STUDENT OUTBREAK AND RESPONSE TEAM (SORT)

October 2019-May 2021

Co-President

January 2020-January 2021

- Established goals with 8 executive board members to maximize both individual and team potential
- Organized general body meetings to provide all 50 members with relevant presentations from a variety of collaborators
- Served as student representative to RSPH COVID-19 Planning and Response Team
- Planned and execute RSPH flu vaccination clinic which vaccinated 213 students in 2020
- Communicated with public health partners to coordinate SORT member assistance with COVID-19 response projects
- Submitted and presented abstract for poster presentation at NACCHO Preparedness Summit 2021
- Organized panel speakers from various levels of government for 2021 Emergency Preparedness and Outbreak Response Networking Night
- Completed Relevant trainings, including: FEMA IS 100, 200, 700, 800; Stop-the-Bleed; Supporting Special Populations in Emergency Response and Preparedness; Texas 2 Step CPR Training; Mental Health First Aid Training

KANSAS STATE UNIVERSITY

Manhattan, KS

PANHELLENIC COUNCIL BOARD OF DIRECTORS

January 2015-December 2015

President

- Organized extension process to successfully bring a new sorority to K-State's campus
- Oversaw planning and execution of campus wide sorority recruitment
- Directed regular board meetings and set goals and action plans with board members to achieve overall board aims for betterment of Fraternity and Sorority Life at K-State

GENERAL PSYCHOLOGY LECTURE COURSE

August 2015-December 2015

Teaching Assistant

- Taught section of 20 students enrolled in larger General Psychology course and aided professor in general lecture
- Constructed lesson plans for each unit and administered quizzes to examine student understanding of each unit

WILDCAT WARM-UP

March 2014-July 2014

Director of Programming

- Coordinated program to welcome incoming freshmen to K-State, including developing program content with other directors
- Organized speakers, activities, and events throughout weekend
- Supervised counselor teams who planned specific events for participants

GIRL SCOUTS OF THE U.S.A.

Lawrence, KS

Gold Award Recipient

2011

VOLUNTEER EXPERIENCE

FULTON COUNTY MEDICAL RESERVE CORPS (MRC)

Atlanta, GA

Member

October 2019 – Present

- Attend trainings
- Participate in preparedness activities

COVID-19 Vaccine Site Volunteer

February 2021 – May 2021

- Scheduled second dose vaccinations for first dose patients
- Checked-in incoming patients and verified credentials
- Assisted Fulton County Board of Health and Mercedes Benz Stadium staff with a variety of operational tasks using incident management structure

THE KANSAS CITY FOUNDATION FOR PULMONARY FIBROSIS

Kansas City, KS

Communications Chair

July 2018-June 2019

- Developed social media platforms to increase awareness about pulmonary fibrosis and disseminate information about the foundation and its mission
- Planned and organized first fundraiser, which raised over \$28,000, by creating event timeline and program