



MARQUIANNA GRIFFIN

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QUALIFICATIONS SUMMARY

Experienced professional who employs strong analytic, quality improvement, and strategic planning skills in maintaining accurate administrative data. Driven leader with proven success managing research assistants, co-constructing databases, evaluating program implementation, and securing revenue from data reporting.

EDUCATION

PHD STUDENT IN SOCIOLOGY

The Ohio State University

MASTER OF SCIENCE IN PUBLIC HEALTH

University of Illinois at
Urbana-Champaign

BACHELOR OF SCIENCE IN COMMUNITY HEALTH

University of Illinois at
Urbana-Champaign

CERTIFICATIONS

SAS Programming 1
SQL

TECHNOLOGY SUMMARY

Operating Systems: Windows, Unix
Programming Languages: SQL, R, SAS
Database Management: MS Access, FileMaker Pro, SPSS
Tools: Visio, RedCAP, Adobe Live Cycle, Cornerstone, Centricity/Epic EHR

PROFESSIONAL EXPERIENCE

Data and Research Technology Liaison

Chapin Hall at the University of Chicago, Chicago, IL

2014 – 2019

Acts as liaison between agencies to foster collaboration around data permissions, and coordinates data activities including acquisition, processing, analysis, and review.

- Developed Statistical Analysis System (SAS) code to process and de-identify Chicago Public Schools data in Unix environment and debugged programs (representative of ~400,000 student records)
- Reviewed procedures, data collection, analyses, and findings of technical reports
- Streamlined the process surrounding acquiring data permissions and securing data (e.g. educational, Medicaid), which resulted in timely turnaround for Principal Investigators' projects
- Performed organization's first Data Sharing Agreement (DSA) review, developed organization's first DSA report, and utilized results to promote compliance and disseminate first ever annual data report to 25% of the organization's partner agencies
- Contributed to the development of 5 policies implemented organization-wide around security, compliance, data receipt, and external access to data holdings
- Aided in completion of organization's first security risk assessment, representative of >300 security controls

Research Data Manager

Northwestern University, Feinberg School of Medicine, Chicago, IL

2012 – 2014

Responsible for management and analysis of Illinois Department of Juvenile Justice data within the Department's large-scale administrative databases.

- Cleaned and produced descriptive analysis on admissions, exits and stock population data extracts (representative of over 1,000 unique annual records) in SPSS
- Graphed and completed comparative analyses on quantitative data (>2000 reportable incidents and juvenile confinement records) that captured fiscal year/calendar year trends
- Utilized statistical practices to create confinement index, a systematic method to compare confinement statewide
- Designed 3 data reporting tools to capture data on juvenile parole as well as youth with placement barriers
- Recommended design changes to existing reporting system to contribute to more efficient reporting outputs
- Assisted in graduate curriculum of Loyola University students, as well publications of the Bureau of Justice Statistics, US Census Bureau, and the Illinois Criminal Justice Information Association
- Collaborated with DJJ team to produce the Department's first large scale monthly data report



VOLUNTEER WORK

Child Friend
2014 – 2017

Educational Leader
1999 – 2001, 2010 – 2012
2013 – 2017

ADDITIONAL

Association of Maternal
and Child Health Programs
CityLeader

AmeriCorps Alumni

Project Manager

Access Community Health Network, Chicago, IL

2010 – 2012

Created surveys, collected and analyzed data, and conducted program evaluation to best support the Maternal and Child Health Department.

- Successfully managed program data sets (over 100,000 patient records), and created internal publications and health education materials
- Created report that yielded more than \$100,000 in revenue from inpatient delivery charges
- Co-constructed database with IT department as well as provided technical assistance re: program reporting of quality measures and electronic data processing operations, which generated organizational revenue
- Improved departmental metrics through data analysis and reporting
- Negotiated pricing with vendors re: Access database build as well as AutoData Scanning System
- Conducted patient quantitative interviews (> 300 interviews) and quantitative needs assessment surveys (> 2 dozen assessments) that contributed to hospital infrastructural changes and the inception of a social service program for males
- Assisted in the evaluation of Westside Healthy Start, which led to programmatic adjustments by program's stakeholders
- Supervised 3 research assistants in collecting/disseminating program data to refine their public health/research experiences

Data Coordinator/Youth Advocate Leader

Lawndale Christian Health Center (LCHC), Chicago, IL

2009 – 2010

Served LCHC Maternal and Child Health patient population through data reporting, case management and supervision of youth participants of the Lawndale Summer Youth Project.

- Composed data reports for internal and federal stakeholders, which secured grant funding and generated organizational revenue
- Acted as liaison between patients and providers, which promoted a team approach to improving healthcare
- Contributed to quarterly evaluation of case managers
- Secured insurance coverage for over 50 patients with a proven record of reconciling subsequent issues related to coverage
- Supervised 2 youth advocate leaders to create professional development for 30 youth within the areas of health, science and technology
- Developed and implemented professional maturation activities for 30 youth that resulted in medical, social and technical competence

PRESENTATIONS/PUBLICATIONS

Clay, S. L., Griffin, M., & Averhart, W. (2019, November). Racial/ethnic socioeconomic disparities and birth outcomes in pregnant women in the United States: An examination of risk factors associated with racial identity. In *APHA's 2019 Annual Meeting and Expo* (Nov. 2-Nov. 6). American Public Health Association.

Loggins-Clay, S., Griffin, M., & Averhart, W. (2018). Black/White Disparities in Pregnant Women in the United States: An examination of risk factors associated with Black/White racial identity. *Health & Social Care in the Community*.

Griffin, M. "Is access to primary healthcare the solution we have been searching for regarding emergency department utilization differences between minority and non-minority patients?" American Public Health Association Conference, Washington, DC, October 2011.

Griffin, M., Harvey, I. S., & Notaro, S. J. "Comparative Analysis of Emergency Department Utilization among Minority and Non-minority Clients within a Free Health Center," University of Illinois at Urbana Champaign, Champaign, IL, August 2009.