# EDUCATION

**Saint Louis University** ***Master of Public Health (MPH)*** **Saint Louis, MO**

Community Health: Concentration in Epidemiology **May 2005**

*Thesis: Breech presentation at delivery: Are congenital anomalies of the fetus a primary risk factor?*  Poster presented at the 2005 Society for Fetal-Maternal Medicine (SMFM) Conference.

**Washington University** ***Bachelor of Arts (BA)*** **Saint Louis, MO**

# Dual Degree: Psychology and Educational Studies May 1999

*Independent Study:* National Institute of Environmental Health Sciences (NIEHS) funded project focusing on Pediatric Asthma Management in St. Louis.

# WORK EXPERIENCE

# Battelle, *Medical Readiness and Response Group*

**Research Scientist/Epidemiologist 2006-Present**

*Battelle Outstanding Performance Award, 2007, 2010, 2011*

**Projects:**

*2011-present Multiple Clients Hampton, VA*

* Worked with a team on a project with a tight deadline to successful update Agency for Health Research Quality (AHRQ) Inpatient Quality Indicator and Patient Safety Quality Indicator guides.
* Support research and development, project proposals and bids by providing technical assistance in the formulation of projects, analysis of data, and completion of documents, such as statements of work, whitepapers, and data use agreements.
* Provide data analyses of disparate data using Stata and literature searches to support various government clients and project*s*

*2010-2011 Navy and Marine Corps Public Health Center (NMCPHC), Health Analysis Portsmouth, VA*

*Battelle On-site Epidemiologist/Technical Support*

* Mentored and trained intern staff on the turnoff and completion of projects; interns were able to complete work with limited follow-up.
* Assisted graduate students on the completion of thesis projects by extraction and analyses of restricted Protected Health Information data (PHI). Work lead to poster presentations and pending publications.
* Provided clinician and quality control technical support for a population health dashboard that allowed Navy medicine to monitor compliance of preventative health screenings and procedures.
* Used SAS to collate results obtained from querying multiple electronic health medical records (e.g. ICD-9, CPTs) and enrollment databases. Data were used to support the development of metrics, chronic disease trends, needs assessments, quality of care and access to care initiatives.
* Lead epidemiologist responsible for researching and developing metrics related to depression in support of the Wounded, Ill, and Injured (WII) program.

*2006-2010 NMCPHC, EpiData Center, Portsmouth, VA*

*Battelle On-site Epidemiologist/Technical Support*

* Lead epidemiologist responsible for completing data requests and analyses of three separate large physical readiness data tables. Developed and directed a subcontractor in the development of web-base reporting system for Fleet Commanders to measure unit results.Provided support to health promotion and Navy medicine headquarters on programs for smoking and obesity.
* Designed and updated monthly reports and special queries displaying causality and injury trends at training schools for the Marine Corps Sports Medicine Injury Prevention Program. Translated report code from SPSS to SAS.
* Merged, scramble and analyzed confidential PHI-level data for a graduate student’s capstone project focused on HIV and physical readiness.
* Reviewed and trained interns on the completion of various monthly surveillance reports.
* Designed a report to monitor Navy policy compliance and evaluate the usage of medical surveillance tools by Naval Medical staff.
* As part of daily disease surveillance tasks, identified disease alerts amongst Navy medical treatment facilities and beneficiaries using the Electronic Surveillance System for the Early Notification of Community-based Epidemics (ESSENCE). Followed-up on disease alerts by querying electronic health records (ICD-9s).
* Using Access queried and summarized Navy medically reportable events and rates of specific disease groupings by Navy treatment facilities on a monthly and quarterly basis.
* Maintained Vaccine Adverse Event Report database, responsible for entering faxed reports, contacting treatment facilities to complete documentation, and completed quarterly report summarizing events.

**Oak Ridge Institute for Science and Education (contracted to the United States Army Center for Health Promotion and Preventive Medicine) Edgewood, MD**

**Epidemiologist 2005 –2006**

* Investigated the health of the Army and other military branches by coding, cleaning, merging and analyzing various administrative and electronic medical record databases (2 million+ cases).
* Designed studies; answered various health inquiries; and produced descriptive population reports using SPSS and Excel. Topics: military evacuations and hospitalizations for illness; tobacco usage during deployments; cardiac events in CENTCOM; and respiratory diseases and prophylaxes shortages.
* Force Health Protection conference Track Section Assistant Chief (2005 & 2006) responsible for assisting with conference planning, contacting and introducing speakers and soliciting moderators.
* Conducted timely calculated Disease chronic and infectious disease rates and military demographic descriptive statistics for a quarterly DoD GEIS reports in support of a funded project to research deployment health issues among the military during current Operation Iraqi Freedom operations.
* Provided epidemiological and statistical consultation within and outside organization as requested.

**Saint Louis University, School of Public Health Saint Louis, MO**

**Eliminating Health Disparities Fellow 2003-2005**

* The fellowship included coursework and research activities addressing and understanding cancer disparities in racial and ethnic minority populations funded by the National Cancer Institute.
* *Policy Rotation on Senior Prescription Programs:* Researched and presented information to state health officials regarding available Senior Prescription Drug programs and services available to seniors in the St. Louis area.
* *Research Rotation:* formative research project investigating prostate cancer screening and care among African American men in St. Louis.
  + Scheduled, recruited, and conducted about 20 key informant interviews with St. Louis community leaders, business men, and medical professionals who work closely with African American men to understand the beliefs and feeling about prostate cancer.
* *Independent Research Project:*  “Medical Discrimination and African American Health Attitudes and Behavior.”
  + Paper presented at the 113th Annual Convention of the American Psychological Association, Washington, DC, August 18-21, 2005.
  + Managed and analyzed quantitative/qualitative data from surveys
  + Completed applications and obtained Institutional Review Board (IRB) approval.

**Saint Louis University, School of Medicine Saint Louis, MO**

**Graduate Research Assistant, *Department of Geriatrics* 2004-2005**

* Analyzed and managed data for a study investigating physical frailty in African Americans aged 70-99 at baseline (1992-1994) from St. Louis city.
* Matched cohort follow-up data with National Death Index (NDI) data to verify whether a case was deceased or alive.
* Other duties included survival and logistic regression analyses using SPSS and literature searches. Proportional hazards regression was used to model mortality risks in order to discover the key risk factors of mortality in the cohort.

**COMPUTER QUALIFICATIONS**

* Over 8 years of experience using Stata, SPSS, or SAS for descriptive analysis, data manipulation and merging, and statistical analysis (i.e. regression analysis, Chi-square, etc.).
* Over 6 years of experience querying, extracting, and merging data from large disparate military-related medical and administrative databases: Military Health System (MHS) Mart (M2), Standard Inpatient Data Record (SIDR), Standard Ambulatory Data Record (SADR), Purchased Care, Defense Enrollment Eligibility Reporting System (DEERS), Physical Readiness Information Management System (PRIMS), Health Level 7 (HL7) Laboratory Data, Defense Manpower Data Center (DMDC), TRANSCOM Regulating and Command & Control Evacuation System (TRAC2ES).

**SELECT PUBLICATIONS**

* Cash B, **Stamps K**, McFarland E, Spiegel A, Wade S. Clinical use of CT Colonoscopy Colorectal Cancer Screening in Military Training Facilities and Potential Impact on HEDIS Measures. Publication in press, 2012.
* Jordan N, Morrison S, **Stamps K**, Tobler, S. Analysis of Deployment Health Surveillance Data in the Central Command Area of Responsibility (CENTCOM AOR)\_ GEIS Project No.GM0037\_06\_CH U.S. Army Center for Health Promotion and Preventive Medicine Directorate of Epidemiology and Disease Surveillance Population Health Outcomes Program FY 2006 Annual Report
* Malmstrom T, Andresen EM, Wolinsky FD, Miller JP, **Stamps K**, Miller DK. Mortality Risk in Older Inner-City African Americans. Journal of the American Geriatrics Society July 2007;55(7).