

## Summary:

- Subject areas include **Health Care/Quality Control, Epidemiology, Biostatistics, Education, and Public Health**
- Specialties include **SAS Base, SQL, ODS, BI/EG, STAT, QC, Macro, ODBC, Connect, and Graph** in the PC environment
- DB Structures include **Teradata and Oracle SQL, Epic-based EMR** warehousing clinical, billing and insurance components
- Other software interfacing includes **Microsoft Access/Excel/Visio and Sharepoint, SQL Server/TOAD, Crystal Reports, and HTML**
- Predictive modeling and QC initiatives to include **linear, logistic, multiple regression and non-parametric procedures, Proc Capability, ANOVA Control Charting, and HC Dashboarding/Benchmarking**

## Experience:

### **Manager of Clinical Quality – UnitedHealth Group** 2/2010 – present

- ✓ Multi-report generation of 20+ quality metrics to assist with various workflow problem initiatives at 5+ strata for CMS/HEDIS initiatives
- ✓ Multi-strata, multi-report generation of pharmacy claims for identifying areas of improvement for HEDIS Drugs to Avoid in the Elderly (DAE) and Drug-Disease Interactions in the Elderly (DDE)
- ✓ Regression analysis of Vitamin D impact on the elderly, controlling for restraints and psychotic drug use
- ✓ Impact analysis of various key EMR characteristics on reporting initiatives
- ✓ Anti-psychotic burden reporting initiative to assist clinical field in lessening psychotic drug use in the elderly through equivalent reduction of Respirodone
- ✓ Generic drug utilization reporting at multi-strata
- ✓ Heavy utilization of **SAS ODS, BI/EG, SQL, Macro and Stat**
- ✓ Built Microsoft Access database for 20+ step reporting function

### **Research Programmer and Specialty Care Analyst** 4/2007- 5/2009

- ✓ Regression analysis of federally-funded study based on PI hypothesis using **SAS Stat**
- ✓ Roll-up testing and reporting of Cancer Prevention Index Pilot Study using **SAS Stat and ODS**
- ✓ Continuous updating of maintenance programming for recruitment purposes of various studies (**SAS Base and Macro**)
- ✓ Built Access database for warehousing survey tools and data
- ✓ Reporting of Specialty Care Consult wait time by specialty to assist in QC of workflow variance and prolonged days between referral to appointment in specialty care (**Proc Capability**)

- ✓ Operating room reports on workflow variance and overall quality measures (**Crystal Reports and SQL**)
- ✓ Burden reports by length of stay, specialty, DRG, CPT, and HCPCS code groupings (**SAS Base and ODS**)
- ✓ HEDIS measure interpretation into SAS code utilizing **SAS Base and SQL**
- ✓ Specialty Care utilization reporting

***MCH Epidemiological Statistician and Consultant*** 6/2004 - 7/2007

- ✓ Sample, weight, analyze and report on the 2007 Montana Oral Health Study to include ARCGIS analysis of environmental fluoride and power analysis of sample needed for population representation
- ✓ Analysis of the Pregnancy Risk Assessment Monitoring System (PRAMS) dataset using **SAS BASE, SUDAAN, and SAS Graph**

**5+ years of other applicable work - SAS training since 2000**

**EDUCATION:**

**University of Oklahoma Health Sciences Center**

Oklahoma City, OK US

Master's Degree - 5/2004, MPH in Biostatistics

Relevant Coursework: Biostatistics Analysis I and II, Categorical Frequency Analysis, SAS training, Access/Excel training, GIS training (NASA), Survival Analysis, Non-parametric Analysis, Multiple Regression

**University of Florida**

Gainesville, FL US

Bachelor's Degree - 8/2000, BA in Sociology

**Fieldwork Paper/Poster:** GIS/GPS Spatial and Temporal Analysis of Neural Tube Defect Clustering Using Oklahoma Birth Defect Registry Longitudinal Data and Environmental Components: 1994-2002

**Undergraduate Thesis:** What social and familial factors influence the risk of child maltreatment?

**BASE Rate: \$55/hour**

**Part-time telecommuting available for any U.S. state/company.**