

**Software Experience**

*BS in Community and Regional Planning*

*Master of Regional Planning*

Office Suite

GIMP / Photoshop

Stata

Google Cloud

MySQL

Linux and Windows

*Historic Preservation, Downtown Revitalization & Tourism Planner*

*Staff Scientist*

*1994 to*

*Present*

*Applications Specialist – Rural Health Research Program*

**Data Analyst + Scientist**

**About me**

**Topics**

**Career and Educational History**

Address

Email

Phone

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213 Greene St. | Chapel Hill, NC 27516

An analyst with experience using statistical software and geographic information systems to compile large research databases and condensing complex data to legible summaries of health care supply, finance, market analysis, and demographic profiles. A researcher applying written, verbal, and graphical communication skills that enhance the value of data. An enthusiastic writer, documenting data and process, as well as mentoring students and staff on methods.

CECIL G. SHEPS CENTER FOR HEALTH SERVICES RESEARCH

THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL

TRC ENVIRONMENTAL CORPORATION - CHAPEL HILL, NC

SOUTHEAST GEORGIA REGIONAL DEVELOPMENT CTR - WAYCROSS

UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL

IOWA STATE UNIVERSITY

Analyzing tabular and geographic data for policy analysis. Ideation leader for designing data strategies for testing researchers’ theories. Brainstorming, searching, aggregating, and merging an array of data sources for analysis. Explaining methods, policy linkages, and significance of findings through clear graphical, text, and verbal communication in service of health care market and financial analysis. Maintaining library of cleaned data files for impromptu analyses.

Organizing and analyzing environmental and demographic data with geographic software. Writing software user manuals and authoring analytical documents for contracted work. Smokestack testing and preparing equipment.

Reviewing federal development projects for impact on historic and cultural resources for environmental regulation. Administering historic preservation support programs. Promoting architectural and downtown development in the region.

Emphasizing Geographic and Data Analysis, Historic Preservation, Environmental Protection, and Community Engagement in one of the nation’s oldest programs.

Emphasizing Transportation, Housing, Historic Preservation, Architecture, and Landscape Architecture in a program housed in the University’s College of Design.

*1992 - 1994*

*1991*

*1991*

*1989*

**Randy Randolph**

SAS+Enterprise Guide

Python

ESRI ArcGIS

MapInfo

Q-GIS

R / R Studio

Mortality/Health

Data Visualization

Planning

Rural – Urban

Demography

Networks

Market Analysis

Health Policy