

PROFESSIONAL EXPERIENCE**Peace Corps, Guinea and Niger, West Africa**

PLAN Niger Life Skills Component Manager / Volunteer *Aug. 2010 – Jan. 2011*

- Created a program for teaching life skills (peer pressure, HIV/AIDS, gender roles and stereotypes, self-confidence, and future planning) sessions to 25,000 youth in Niger over 3 years.
- Designed a monitoring and evaluation methodology to assess the progress and impact of the project.
- Developed and wrote a 65-page life skills training manual.
- Planned and conducted a week-long training of 15 community trainers and youth in French.

Municipal Community / Small Enterprise Development Volunteer *Dec. 2008 – Aug. 2010*

- Trained five peer educators and partnered with them to hold six youth seminars in French and Zarma in different villages covering issues of health, gender and future planning.
- Created a business club consisting of 16 university students that met twice weekly to learn how to develop a business plan and launch a business. Trainings were in French and included topics such as marketing, cost analysis, and financial planning.

Bureau of Business and Economic Research, UNM, Albuquerque, NM

Research Economist II *Mar. 2007 – Jul. 2008*

- Integrated SAS, Access, and GIS data sets by developing SAS scripts and Access relational databases to enable efficient interaction between different tools.
- Managed a local repository of the confidential Quarterly Census of Employment and Wages (QCEW) data set, maintaining encryption and consistency and providing anonymized data to researchers.
- Led several research projects, designing a research plan, drawing together different data sets, performing analysis, producing written reports, and presenting results.

Research Economist I *Jan. 2006 – Mar. 2007*

- Used STATA, SAS, Access, IMPLAN, and ArcGIS to analyze the impacts of economic shocks.
- Developed SAS scripts to match ten years of QCEW data from disparate data sets and formats into a single consistent data set with millions of records to be used in longitudinal and cross-sectional analysis.
- Created Excel models using local data to estimate tax burdens and demographic shifts.

Regional Economic Models Inc., Amherst, MA

Assistant Economist / Consultant *Jun. 2002 – Jun. 2004*

- Estimated the economics impacts of policy shocks using Excel and REMI PI+. One study in partnership with the U.S. EPA and environment departments of New York and Connecticut analyzed energy policy.
- Traveled throughout the U.S. and to England, Germany and The Netherlands to present REMI PI+ and train clients.

EDUCATION**University of Massachusetts – Amherst, Amherst, MA**

Master of Science in Applied Mathematics *Aug. 2003 – May 2005*

Hampshire College, Amherst, MA

Bachelor of Arts in Economics *Sept. 1998 – May 2002*

- Thesis: Heuristic Decision-Making and Violations of Rationality in Human Choice

LANGUAGES AND SKILLS

- Advanced French, Intermediate Zarma (a West African local language)
- SAS, SPSS, STATA, ArcGIS, IMPLAN, REMI PI+, Microsoft Office, Linux, Python