

# Laura Patterson, Ph.D.

## Education

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2004 – 2011                      University of Colorado                      Boulder, CO

Ph.D., Department of Sociology

- Dissertation: "Prime Age Adult Mortality Shocks and Household Socioeconomic Status: An Analysis of Vulnerability and Coping in Rural South Africa"

2002 – 2004                      University of Arizona                      Tucson, AZ

M.S., Department of Soil, Water, and Environmental Science

- Thesis: "Sodium uptake ability of *Atriplex lentiformis*, *Salicornia bigelovii*, and *Hordeum vulgare*: physiological factors and implications for the restoration of saline and sodic soils"

## Current Position

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2019 – Present                      University of Colorado                      Boulder, CO

Sociology/Continuing Education Interim Liaison Instructor

- Teaching online and in-person courses for the Sociology Department and Continuing Education (see below for specific courses)
- Reviewing possible online Sociology courses, coordinating course offerings between the Sociology Department and the Division of Continuing Education, and assigning Sociology instructors to online course development and teaching
- Supervising/mentoring graduate students and adjunct faculty teaching online Sociology courses for Continuing Education

## Teaching Experience

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2007 – Present                      University of Colorado                      Boulder, CO

Instructor for the following courses:

- Introduction to Social Statistics (current, and have taught 8 past sections, both online and in-person)
- Environment and Society (current, and have taught 11 past sections, both online and in-person)
- Research Methods (current, in-person)
- Social Problems (have taught 15 past sections, both online and in-person)
- Introduction to Sociology (have taught 8 past sections, all in-person)

2014 – 2019                      Adams State University                      Alamosa, CO

Instructor for the following courses:

- Educational Research Methods – graduate level (15 sections, all online)
- Social Statistics (10 sections, both online and print-correspondence with incarcerated students)
- Social Welfare Policy (4 sections, all online)

2007, 2008                      University of the Witwatersrand                      Johannesburg, South Africa

Teaching assistant for the following courses:

- Longitudinal Data Management and Analysis (2 sections)
- Sustaining Populations and Resources: Resource Conservation and Rural Development (1 section)

## Research Experience

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2011 – 2019                      Research Director, Primetime Research & Evaluation                      Denver, CO

### Personal Responsibility and Education Program (PREP) State-Level Evaluation

- Served as primary quantitative data manager and analyst for Colorado PREP, a federal pregnancy prevention program administered by the Colorado Department of Human Services, which serves over 2,000 youth annually.
- Analyzed survey data for all Colorado PREP participants using Stata data analysis and statistical software, produced quarterly reports for PREP program administrators, and oversaw construction of the Colorado PREP Database (<https://coprepdb.com/>).
- Provided training on statistical analyses and data collection and management for PREP program administrators.
- Worked as part of a team on the PREP process evaluation conducted by Primetime Research & Evaluation, which included: developing a Theory of Change and logic models for county-specific and program-wide activities; designing and conducting surveys, interviews, and focus groups to assess accountability of the state, the counties, and all contractors to the Colorado PREP State Plan; and presenting evaluation results to stakeholders in both written form and verbally, while negotiating any conflicts arising between stakeholders.

### Latino Task Force of Boulder County Strengths and Needs Assessment

- Served as project manager, setting and ensuring accountability to all deadlines and ensuring client satisfaction.
- Analyzed secondary data from the U.S. Census, American Community Survey, Colorado Department of Education, Colorado Department of Public Health and Environment, and other sources.
- Conducted interviews with leaders in Boulder County and facilitated focus groups with Boulder County Latinos.
- Designed a comprehensive survey in consultation with the Task Force to assess the strengths and needs of Boulder County Latinos and advised the Task Force on sampling methods and recruitment strategies for survey administration.
- Prepared a final report summarizing these findings for The Community Foundation of Boulder County's *Trends Report*.

2013 - 2019                      Consultant, JBS International                      Burlingame, CA

### Social Innovation Fund (SIF) Evaluation Plan and Evaluation Report Reviews

- Reviewed evaluation plans/reports from SIF subgrantees, ensuring these incorporate best practices for research methods and statistics, and provided written feedback/phone consultation to address any methodological concerns.

### SIF Knowledge Initiative Long-Form Article

- Conducted interviews with SIF grantees and synthesized best practices for dissemination of research findings.
  - Patterson, L., & Education Northwest. (2015). *Lessons and Stories from the Social Innovation Fund: Sharing Results to Effect Change*. Washington, DC: Corporation for National and Community Service, Social Innovation Fund.

### AmeriCorps Knowledge Management Project and Application Reviews

- Worked as part of a team to assess the body of evidence on AmeriCorps program effectiveness, resulting in the generation of a synthesis report for the Corporation for National and Community Service, and reviewed 2019-2020 AmeriCorps applications.

2013 – 2019                      Consultant, Colorado Dept. of Human Services                      Denver, CO

### Askable Adults Evaluation

- Designed and administered online evaluations for the Askable Adults curriculum, a training program for parents and other youth-serving adults in Colorado, addressing sexuality development, the provision of support for LGBTQ youth, and local sexual health legislation and resources.

### PREP Fidelity Monitoring

- Designed and administered an online fidelity monitoring tool for PREP curricula and prepared quarterly Excel-based summaries of fidelity data.

### Professional Development Academy Evaluation

- Designed written and online surveys to evaluate satisfaction with a yearly conference including 30 workshops and with over 400 attendees, and prepared comprehensive reports synthesizing qualitative and quantitative evaluation data.

2018 - 2019

Consultant, First 5 Monterey County

Salinas, CA

### Developmentally Appropriate Practices Knowledge Initiative

- Worked as part of a team to produce a comprehensive review of academic and grey literature examining the relationship between kindergarten readiness and caregivers' knowledge and use of developmentally appropriate behaviors with children.

### Predictive Analysis and Report for Kindergarten Readiness Assessment System Pilot

- Conducted longitudinal quantitative analyses examining how kindergarten readiness data predict third grade student performance, including developing variables, cleaning data, imputing missing data, verifying statistical assumptions, analyzing data, and writing a final report.

2005 – 2007

Research Assistant for Dr. Lori Hunter

Boulder, CO

### Adult Mortality, Food Security, and Resource Use in the Agincourt Health and Population Unit, South Africa

- Extracted complex longitudinal data from a relational database, and conducted factor analysis and regression analyses, including logistic regression, multinomial logistic regression, OLS regression, and difference-in-differences models.

2007

Research Assistant for Dr. Wayne Twine    Johannesburg, South Africa

### Dataset documentation for the Agincourt Health & Population Unit and the African Population & Health Research Center

- Developed a complex codebook describing the organization of 45 surveys administered by the AHPU and the APHRC.

### Household livelihoods in the Welverdiend community, Mpumalanga Province, South Africa

- Cleaned data, conducted descriptive statistics (population frequencies and cross-tabulations), graphically depicted data, and conducted preliminary statistical analyses (t-tests, chi-square tests) using Stata data analysis and statistical software.

## Professional Presentations

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2018

Adolescent Pregnancy Prevention Conference

Washington, DC

Colorado's PREP Empowerment Evaluation Works!

## Professional Association Membership

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American Sociological Association

American Evaluation Association