Elspeth Ready

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CITIZENSHIP: Canadian, currently qualified for F-1 OPT

SUMMARY

Anthropologist combining 5+ years experience in applied ethnographic research with strong data science skills.

EDUCATION

June 2016	Ph.D, Stanford University (Anthropology)
June 2010	M.A., Trent University (Archaeology)
June 2008	B.A. Honors, University of Alberta (Anthropology)

TECHNICAL SKILLS

Deep knowledge of **quantitative and qualitative social science methods**, including questionnaire design and assessment, structured and semi-structured interviewing, and social network data collection. I personally conducted over 200 questionnaires and interviews for my dissertation research, which included constructing a food sharing network for an entire Arctic village from my data.

Highly proficient in **R** and **Python** (including **pandas)**, for a wide range of **data science methods** including regression, non-linear modeling, graph analysis, exponential random graph modeling, Item Response Theory, and non-parametric statistics, all of which I implemented as part of my dissertation research. My quantitative research on survey assessment has been published in the interdisciplinary journal *Arctic*.

Working knowledge of **machine learning** methods and libraries (such as **scikit-learn**), **Map Reduce** and **Spark**, **databases** (MySQL), **source control** systems (git, svn), and **web** technologies (HTML, CSS).

EXPERIENCE

5+ years experience working on quantitative hypothesis-driven social science research. I have a strong interdisciplinary background integrating theory and quantitative methods across the social sciences (anthropology, sociology, and economics). I was awarded a Stanford Interdisciplinary Graduate Fellowship, a three year doctoral fellowship at Stanford, in recognition of my research.

Outstanding communicator with proven track record of successful research awards, including a National Science Foundation Office of Polar Programs Doctoral Dissertation Improvement Grant: "Environmental variability and food security in Nunavik, Canada," USD $38 735, and a Social Sciences and Humanities Research Council of Canada Doctoral Fellowship, a competitive four year Canadian federal fellowship.

Experience managing a major long-term project, demonstrated by my dissertation research, for which I designed and executed a project which required over 12 months of fieldwork in the Canadian Arctic. My work included training and working with six Inuit high school and college students.

LANGUAGES

English (native); French (fluent)

PERSONAL INTERESTS

I play accordion and enjoy windsurfing, mountain biking, and hiking. My past volunteer experience has included helping to facilitate archaeological field schools and outdoor education camps for Inuit youth in the Canadian Arctic.