DESCRIPTION OF RESEARCH PROJECT/INTERNSHIP

Sponsor: Princeton Environmental Institute
Position number: To be completed by PEI
Organization/research group name: Department of Anthropology, Ethnographic Data Visualization Lab
Project title: Environmental Exposures and Child Development: Evidence from the Krogman Growth Study

Project summary:
There are very few robust, longitudinal data archives that could help us study the relationship between environmental exposures and human development. The Krogman Growth Study is one such archive. Dr. Krogman began his study of about 7,500 children in 1947. For unknown reasons, he stopped in the mid-1970s. This now orphan data has yet to studied. Given our department's expertise in biological anthropology and medical anthropology, we have designed a study that will bring environmental, and socio-economic, and census data together with the medical charts and x-ray data of these 7,500 subjects. The goal is to see if we can identify relationships between the environmental and child growth data.

Role and responsibilities:
Our hypothesis is that environmental pollutants, food insecurity, and economic insecurity have generational impacts on human growth. Therefore, we have been setting the Krogman data against data sets on the public, political, economic, and environmental history of the City of Philadelphia. The sources we are using include a wide range of publicly available data, as well as published research, such as the Urban Archives collection at Temple University.

We need a PEI summer intern to continue to digitize more of the Krogman data and input more environmental data into our growing data collection. This will require the intern to read medical files and input data into an Excel spreadsheet. The intern must also be willing to visit archives in Philadelphia, photograph areas of Philadelphia, and begin to try to locate patterns in the data.

Website (if available): The data is in the Department of Anthropology's Ethnographic Data Visualization Lab.
Faculty sponsor/host (name/department): Carolyn Rouse/Department of Anthropology
Email contact: crouse@princeton.edu

Location of internship:
- Note: If this internship is located in a country that appears on the U.S. Department of State Travel Warning List, final candidates will be instructed to request and receive University approval to travel to that country before participation in the internship program is confirmed.

Weekly stipend: To be completed by PEI
Number of internships available: 1
Total number of weeks: 8

Proposed start date (mm/dd/yyyy): 06/07/17
Proposed end date (mm/dd/yyyy): 08/10/17
- Note: The funding awarded for this position is for full-time work, 35 hours per week minimum, for a period of no less than 8 contiguous weeks.
INTERNSHIP SUPERVISOR
Name and title: Jeff Himpele
Email: Jeffrey D. Himpele jhimpele@exchange.princeton.edu Phone: 609-258-8158

EXPERIENCE REQUIRED
Academic background: Have taken at least one class in the areas of medical anthropology, medical sociology, biological anthropology, and/or ecology and evolutionary biology; Experience with archival research

Technical skills: Not required but helpful: Excel, GIS, video production, and/or statistics

Language fluency: English

OTHER
Prerequisites / training: Will be trained on the job if needed.

Physical demands: Driving to Philadelphia and filming around the city.

Equipment requirements: Computer and cell phone

Visa(s) required? Yes ☐ No ☑

Immunizations required? Yes ☐ No ☑

Research permit/pass required? Yes ☐ No ☑

Additional internship information:
We need an intern who is a self-starter and able to determine quickly how to organize and structure vast amounts of unstructured data. We also need an intern who will be creative and assertive with respect to developing possible hypotheses and methodological approaches to addressing those hypotheses. Finally, the intern will need to be flexible and willing to go back and forth between collecting archival data, visualizing Philadelphia through photos and maps, interviewing scientists, and inputing Krogman data.

Priority application deadline: January 12, 2018
• Applications received after the priority deadline will be reviewed on a rolling basis.
• Unfilled positions will remain open until March 27, 2018.

For more information and to apply, visit the Princeton Environment Institute website:
• http://environment.princeton.edu/undergrads/internships/