



Workshop Title: Chitwan Valley Family Study Workshop for New and Current Data Users

Organizers: William Axinn (baxinn@umich.edu), Dirgha Ghimire (nepdjg@umich.edu), Emily Treleaven (treleav@umich.edu), and Colter Mitchell (cmsm@umich.edu), Institute for Social Research, University of Michigan-Ann Arbor

Primary Contact: Heather Gatny (hgatny@umich.edu)

Workshop Description:

The [Chitwan Valley Family Study \(CVFS\)](#) is a comprehensive community and family panel study in Nepal that follows all family members wherever they move with exceptional measurement of the social environment. The CVFS is among very few whole family panel studies, following a general population sample, and measuring changes in the experiences of each family member. This design enables research on parents and children, siblings, husband-wife marital dynamics, and migrants, including international migrants. Subjects measured in the CVFS include land use and the natural environment; household production and consumption; full histories of education, work, marriages, and childbearing; sex and contraceptive use; child health; mental health; migration; and attitudes and beliefs. This workshop provides an overview of the CVFS and updates new and current users on the latest CVFS data resources, their potential uses, and tutorials and tools available to begin working with CVFS data.

Workshop Objectives and Goals:

- Explain the purpose of the CVFS and give an overview of data collection from study launch to present day.
- Describe the design and measures related to new CVFS data resources including:
 - Nepal-specific Composite International Diagnostic Interview with measurement of lifetime experience with trauma and psychiatric disorders
 - Web-based panel survey on sex, contraception, sexual assault, alcohol use, and substance use during the transition to adulthood
 - Child health indicators and outcomes collected from interviews with mothers and anthropometric and hemoglobin measures collected from their children
 - Genotypes for all household members 15-59
 - Nearly three decades of continuous household registry data collection with monthly measures of place of residence, living arrangements, marital status, pregnancy status, births, deaths, and more.
- Illustrate the potential uses of new CVFS data resources to study high-impact research topics in global population research.
- Demonstrate how to use web-based tutorials and CVFS data user support tools.

Workshop Outcomes:

- Understand the whole family panel study design of the CVFS and the breadth and depth of CVFS data resources.
- Understand the design of recent CVFS data collections and new measures available.

- Recognize the potential topics that could be studied using new CVFS measures.
- Be ready to begin working with new CVFS data resources and be aware of educational resources and tools to get started.

Workshop Benefits to PAA 2023 Attendees:

PAA attendees will benefit from the workshop because it will lower the time costs associated with learning about the CVFS. The workshop will incorporate educational resources and user support information carefully designed to help new users overcome the key barriers to begin working with CVFS data. The workshop will introduce new CVFS data resources benefiting new and current CVFS data users. Also of benefit, the workshop will provide a networking outlet for CVFS data users to share knowledge and new directions in research using the data. The workshop will encourage unique, interdisciplinary collaborations due to the diverse research interests among PAA attendees.

Target Audience:

Most attendees will be graduate students, post-doctoral scholars, and scientists engaged in global population research who are in the early stages of their careers in the biomedical, social, behavioral, and clinical research workforce. The workshop will interest both new and current users of CVFS data. We expect between 25 and 50 participants (minimum = 5; maximum = 100).

Preferred Workshop Day(s): Tuesday, April 11 or Wednesday, April 12

½ Day Schedule:

30 minutes - Purpose and overview of the CVFS (Axinn)

20 minutes - Nepal-specific Composite International Diagnostic Interview with measurement of lifetime experience with trauma and psychiatric disorders (Axinn)

20 minutes - Web-based panel survey on sex, contraception, sexual assault, alcohol use, and substance use during the transition to adulthood (Treleaven)

20 minutes - Child health indicators and outcomes, including anthropometric and hemoglobin measures (Treleaven)

20 minutes - Household registry data collection with monthly measures of place of residence, living arrangements, marital status, pregnancy status, births, deaths, and more (Ghimire)

20 minutes – CVFS genetic data (Mitchell)

30 minutes - Web-based tutorials and CVFS data user support tools (Treleaven/Gatny)

30 minutes - Potential uses of new CVFS data resources to study high impact research topics in global population research (All instructors)

15 minutes – Participant evaluation and feedback

(Time will be reserved for discussion following each workshop segment. Time for breaks will also be included in the schedule.)

A/V Needs and Conversion to Online Workshop:

The workshop will use the provided Wi-Fi, laptop, projector, screen, and power strips. The workshop could be held online if necessary. CVFS investigators are experienced in online workshops, having hosted a successful webinar series for the CVFS in 2021-2022.

[William Axinn](#) is Co-Director of the CVFS and professor of survey research, population studies, sociology, and public policy at the University of Michigan. Axinn is a social demographer studying community, intergenerational, and social psychological influences on marriage, childbearing, reproductive health, mental health, and the natural environment.

[Dirgha Ghimire](#) is Co-Director of the CVFS and research professor at the University of Michigan's Population Studies Center. Ghimire is a social demographer with expertise in family and demographic behavior, environment dynamics, and research methods.

[Emily Treleaven](#) is Investigator of the CVFS and research assistant professor at the University of Michigan's Survey Research Center. Treleaven studies the mechanisms through which family and community context shape health and health disparities in early childhood, and how health system characteristics affect children's health and healthcare utilization.

[Colter Mitchell](#) is Investigator of the CVFS and research associate professor at the University of Michigan's Survey Research Center. Mitchell's research utilizes a range of biological data types such as epigenetics, neuroimaging, and genetics to better understand how social conditions shape population health.