Bishnu P. Adhikari

Carrollton, GA 30116
Cell: 678-431-0331
Email: bishnuiser@outlook.com

Education

M.A. (2019), **Sociology**, University of West Georgia, USA.

Post-Baccalaureate Certificate (2019), **Data Analysis & Evaluation Methods**, University of West Georgia, USA.

M. A. (2016), **Sociology**, Tribhuvan University, Nepal.

B.A. (1999), **Bachelor of Arts (Major Economics)**, Tribhuvan University, Nepal

I.A. (1994), **Intermediate of Arts (Major Economics)**, Tribhuvan University, Nepal

Professional Experiences

2021-Present: **Data Analyst**. National Foundation for the Centers for Disease Control and Prevention (CDC Foundation) (https://www.cdcfoundation.org/)

- Extract health and Neonatal lab data from server and LIMS system, check, and clean data
- Create data files, merge data using complex MS Excel functions and formulae
- Produce summary tables, Pivot tables, data visualization, run charts, Levey-Jennings charts, and graphs
- Statistical analysis of data; prepare and submit intermediate and final reports
- Design test and run automated processes for data analysis using VBA Macros in MS Excel
- Design automated form generator in MS Excel

2019-2020: **Data Engineer-II**. APRETECH, Lewisville Texas (https://apretech.com/)

- Design, developed and tested tables, procedures and ETL solutions for Datawarehouse
- Created user defined functions and stored procedures to meet the requirement.
- Created SSIS Packages using Lookup, Derived Columns, Condition Split, Aggregate, Execute SQL Task, Data Flow Task, Execute Package Task etc. to generate underlying data for the reports and to export data into Excel, csv, and Text file to data warehouse.

2017-2019: **Graduate Research Assistant**. Department of Sociology, University of West Georgia (www.westga.edu)

- Research tasks: Data cleaning, Data management, Analysis, and Literature review.

2004–2017: **Data Manager**. Institute for Social and Environmental Research-Nepal (www.isernepal.org.np)

- Managed large scale; more than 1,000 variables and 10,000 observations data; data quality and security.
- Data Mining: Merged and prepared raw data and analysis files using multi-level and longitudinal panel data.
- Analyzed data: Ordinary Least Squared Techniques, and Logistic Regression.

- Calculated birth, death, marriage, divorce, migration, and use of contraceptive rates for ongoing and new research proposals, and power calculation.
- Drawn scientific samples for different researches.
- Taught data creation, data structure, data cleaning, and descriptive, bivariate, and multivariate data analysis skills in survey data analysis short-term training.
- Worked on research progress and final research reports and program evaluation reports.
- Worked on research reports.
- Wrote, translated, and tested survey questionnaire.
- Designed Data Entry Program on Microsoft Access
- Supervised survey data collection programming (software) staff/programmers.
- Launched sample management and data collection software.
- Recruited, trained, and supervised data entry and data management team.

2001–2003: **Data Entry Supervisor**. Institute for Social and Environmental Research-Nepal (www.isernepal.org.np)
- Supervised data entry staff.
- Prepared ongoing and final progress reports.
- Prepared graph, chart, and tables for annual reports.
- Designed data entry program in MS Access

1995–2000: **Assistant Computer Supervisor**. Population and Ecology Research Laboratory (https://perl.psc.isr.umich.edu/)
- Helped supervisor to archive and merge entered data.
- Checked data entry keying errors.

Professional Training

June-July, 2018.   Attended training on Survey Research Methods, Advanced Questionnaire Design, Probability and Non-probability Sampling Techniques, Introduction to Focus Group Discussion, and Responsive Survey Design Techniques at Summer Institute, the University of Michigan, USA.

May 2013.   Attended training on Computer Assisted Personal Interviewing (CAPI); Blaise based data collection operation and data management through remote server at Survey Research Center, the University of Michigan, USA.

June 2009.   Attended training on Survey Data Analysis and Questionnaire Design, at Summer Institute, the University of Michigan, USA.

August 2010.   General Interviewer Trainers Refresher Training organized by Institute for Social and Environmental Research-Nepal and The University of Michigan.

February 2010.   Attended Visual Basic 6.0 Introductory Training at College of Software Engineering (CSE), Narayangarh, Chitwan, Nepal.

November 2008.   WHO-CIDI General Interviewer Trainers Training organized by Institute for Social and Environmental Research-Nepal.

November 2005.   Attended the Nepal Data User's Workshop Training at the Kathmandu University, Dhulikhel, Nepal.

June-July, 2001.	Attended English Language Training at Michigan Language Center, Ann Arbor, Michigan, USA.
July, 2001.	Attended the Microsoft Access Database Design Training at IT department, University of Michigan, USA.
June-July, 2001.	Attended training on Introduction to Survey Research Techniques and Population Research in Developing Countries, at Summer Institute, the University of Michigan, USA.
March 2001.	General Interviewer Trainers Training organized by Population and Ecology Research Laboratory at the Institute of Agriculture and Animal Science, Rampur, Chitwan, Nepal.

Teaching

2010- 2018.	Training on Survey Data Analysis (Training Assistant) organized by Institute for Social and Environmental Research-Nepal in collaboration with The University of Michigan.
2010- 2017.	Training on Introduction to Survey Research Techniques (Training Assistant) organized by Institute for Social and Environmental Research-Nepal in collaboration with The University of Michigan.
June 2013.	Computer Assisted Personal Interviewing (CAPI) Data Collection and Operation Management Training (Trainer) organized by Institute for Social and Environmental Research-Nepal.
September 2011.	Computing Skill Development Training (Trainer) organized by Institute for Social and Environmental Research-Nepal.
May 2009.	WHO-CIDI General Interviewer Techniques and Study Specific Training (Trainer) organized by Institute for Social and Environmental Research-Nepal

Computer Skills
Microsoft office systems (MS Access, Word, Excel, PowerPoint), Survey software (Qualtrics, SurveyTrak, Blaise), Statistical package (R, SPSS), SQL, Visual Studio (SSIS/ETL), VBA, ArcGIS, and Google Earth.

Publications
Ghimire, D., Chardoul, S., Kessler, R.C., Axinn, W.G., **Adhikari, Bishnu**. 2013. Modifying and Validating the Composite International Diagnostic Interview (CIDI) for Use in Nepal. *International Journal of Methods in Psychiatric Research*, 22(1), 71-81. NIHMSID: NIHMS352538.

Dangol, Dharma R., Prem Bhandari, **Bishnu Adhikari**, Indra Chaudhary and Susan Gurung. 2006. "Flora of Western Chitwan: Survey and Analysis." (In Nepali.) <u>Hamro Sirjana</u>. Baisak 2063:33-40.

Adhikari, Bishnu. (2005). "Development of Health Services in Chitwan Valley." (In Nepali) <u>Chitwan Mahotsav Smarika, 2061: 45-51</u>.

Presentations

Michelle J Mills, and **Bishnu Adhikari**. 2022. "Overnight Shipping for Midwives and Smaller Facilities to Improve Transit Time from Collection to Receipt for the State of Kansas Newborn Screening Program" A poster presented at the Association of Public Health Laboratories (APHL) Annual Conference held in Cleveland Ohio, May 17-20, 2022.

Adhikari, Bishnu, Emily McKendry-Smith, and Amy Irby-Shasanmi. 2018. "Ethnic Differences in Self-Rated Functional Disability among Aging Population in Nepal" A paper presented at the Interdisciplinary Conference in the Social Sciences held in University of West Georgia, October 04, 2018.

Adhikari, Bishnu. 2014. "Migration Destinations and Attitude towards Marriage" A paper presented at the First Nepal Population Conference held in Kathmandu, June 5-7, 2014.

Adhikari, Bishnu. 2015. "Migration Experience and Participation on Spouse Selection" Poster accepted for presentation at the Third Asian Population Association Conference, Kuala Lumpur, Malaysia, July 27-30, 2015 but not presented.

Technical Report
Jessica Fehringer, Prem Bhandari, Dirgha Ghimire, J R Lohani, B. Dawadi V. Acharya, **B. Adhikari** "Impact Evaluation of Approaches to Strengthen Health Facility Operation and Management Committees in Nepal: Baseline Report". Technical Report, June 2015. ((http://www.cpc.unc.edu/measure/publications/tr-15-114).)

Policy Brief
Chan, Loritta & **Adhikari, Bishnu**. (2018). Active Ageing to Combat Declining Family Support for Elderly Care in Nepal, Policy Brief 12. Institute for Social and Environmental Research-Nepal.

Honors and Grants
May 2022	Power of Public Health Impact Award, CDC Foundation, Atlanta, GA, USA.
2017-2019	Graduate Research Assistant Fellowship, University of West Georgia, Carrollton, GA, USA.
June-July, 2018	Frank M. Andrews Summer Institute Fellowship, Summer Institute in Survey Research Techniques, Institute for Social Research, The University of Michigan, Ann Arbor, MI, USA.

2014	Employee of the Year Award, Institute for Social and Environmental Research, Fulbari, Chitwan, Nepal.
June, 2014	Travel Grant from the Population Association of Nepal to present paper at the First Nepal Population Conference, June 5-7, Kathmandu, Nepal.
May, 2013	Travel Grant from the Population Studies Center, the University of Michigan to attend the training on Computer Assisted Personal Interviewing (CAPI); Blaise based data collection operation and data management through remote server at Survey Research Center, the University of Michigan, Ann Arbor, MI, USA.
June, 2009	Travel Grant from the Population Studies Center, the University of Michigan to attend the training on Computer Assisted Personal Interviewing (CAPI); Blaise based data collection operation and data management through remote server at Survey Research Center, the University of Michigan, Ann Arbor, MI, USA.
June-July, 2001.	Travel Grant from the Population Studies Center, the University of Michigan to attend the training on Introduction to Survey Research Techniques and Population Research in Developing Countries, and Microsoft Access Database Design Training at Summer Institute, the University of Michigan, Ann Arbor, MI, USA.

Membership in Professional Organizations
- Life Member   Population Association of Nepal
- Life Member   Nepal Rare Blood Community

Language Proficiency
English   : Very good in reading, writing, speaking and listening
Nepali   : Native
Hindi   : Excellent in reading, writing, speaking and listening

REFERENCES
1. Prof. Dr. Dirgha Jibi Ghimire, Research Professor, Population Studies Center, Faculty Associate, Survey Research Center, University of Michigan, Ann Arbor, USA, and Executive Director, Institute for Social and Environmental Research-Nepal. Email: nepdjg@umich.edu.
2. Dr. Emily McKendry-Smith, Associate Professor, Department of Sociology, University of West Georgia, Carrollton, USA. Email: emckendr@westga.edu.