## Dirgha J. Ghimire

Population Studies Center University of Michigan 426 Thompson Street, P.O. Box 1248 Ann Arbor, MI 48106-1248 nepdjg@umich.edu Institute for Social and Environmental Envir

## **Areas of Study**

Social Change, Family, Demography, Ideational Influence, Population and Environment, Population Health Methods

## **Education**

Ph.D.	2003	Sociology and Demography, University of Michigan

M.A. 2001 Sociology and Demography, University of Michigan

University

B.Sc. 1986 Agriculture Economics, Institute of Agriculture and Animal Science, Tribhuvan University

#### **Professional Positions**

i i diessidilai i dsi	MUMS
2019-present	Research Professor, Population Studies Center, Faculty Associate, Survey Research C of Michigan
2014-2020	Adjunct Professor, Agriculture and Forestry University, Chitwan, Nepal
2013–2018	Research Associate Professor, Population Studies Center, Faculty Associate, Survey l
1	University of Michigan
2009–2013	Associate Research Scientist, Population Studies Center, University of Michigan
2006–2009	Assistant Research Scientist, Population Studies Center, University of Michigan
2003–2006	Research Investigator, Population Studies Center, University of Michigan
2001–present 2000–2005	Director and Founding Chair, Institute for Social and Environmental Research-Nepal, Associate Director, Population and Ecology Research Laboratory, Population Studies of Michigan
1994–1997	Coordinator, Chitwan Valley Family Study Nepal, Population Research Institute, Pen

## **Peer-Reviewed Journal Articles**

- Askari, Melanie S., Emily Treleaven, Dirgha J. Ghimire, William G. Axinn, and Sabrina Hermosilla. 2022. Worries, Concerns and Mitigation Behaviours: A Snapshot of Nepal during the First Wave." *Tropica International Health* 27:165-173. doi: 10.1111/tmi.13713. PMCID: PMC8906281.
- Axinn, William G., Karmel W. Choi, Dirgha J. Ghimire, Faith Cole, Sabrina Hermosilla, Corina Benjet, Me Morgenstern, Younga H. Lee, and Jordan W. Smoller. 2022. "Community-Level Social Support Information Adult Onset of Major Depressive Disorder in a South Asian Postconflict Setting." *JAMA Psychiatry* doi: 10.1001/jamapsychiatry.2021.4052. PMCID: PMC8792786.
- Musse, Isabel, Rebecca L. Thornton, and Dirgha J. Ghimire. 2022. "How do Women Learn They Are Pregn Introduction of Clinics and Pregnancy Uncertainty in Nepal." *Studies in Family Planning* 53(1):43-5 10.1111/sifp.12183. PMCID: PMC8957515.
- Yabiku, Scott T., Abigail Sullivan, Abigail York, Qunshan Zhao, Jennifer E. Glick, Sharon J. Hall, Dirgha J. An. 2022. "Drivers of Prohibited Natural Resource Collection in a Protected Area." *Environmental* 49(2):114-121. doi: 10.1017/S0376892922000121.
- An, Li, Eve Bohnet, Curtis Battle, Jie Dai, Rebecca Lewison, Piotr Jankowski, Neil Carter, Dirgha Ghimire, Dhakal, Jhamak Karki, and Alex Zvoleff. 2021. "Sex-Specific Habitat Suitability Modeling for Pant Chitwan National Park, Nepal: Broader Conservation Implications." *Sustainability* 13(24):13885. doi:10.3390/su132413885.
- Brauner-Otto, Sarah, Sarah Baird, and Dirgha Ghimire. 2021. "Women's Employment and Children's Educ Evidence from Nepal." *Social Science Research* 103:102669. doi: 10.1016/j.ssresearch.2021.102669 PMC8861448.
- Ghimire, Dirgha J., William G. Axinn, and Prem Bhandari. 2021. "Social Change, Out-migration, and Exit Nepal." *Population and Environment* 42:302-324. doi: 10.1007/s11111-020-00363-5. PMCID: PMC
- Ghimire, Dirgha J., Yang Zhang, and Nathalie Williams. 2021. "Husbands' Migration: Increased Burden or Autonomy for Wives Left Behind?" *Journal of Ethnic and Migration Studies* 47(1):227-48. doi: 10.1080/1369183X.2019.1675502. PMCID: PMC7953850.
- Hermosilla, Sabrina, Sarah Forthal, Madeline Van Husen, Janna Metzler, Dirgha J. Ghimire, and Alastair A Child PTSD Symptom Scale: Psychometric Properties among Earthquake Survivors." *Child Psychia Development* 52(6):1184-1193. doi: 10.1007/s10578-020-01097-z. PMCID: PMC8155094.
- Allendorf, Keera, Arland Thornton, Dirgha J. Ghimire, Linda Young-DeMarco and Colter Mitchell. 2020. "Marry? An Intergenerational Model of the Influence of Timing Attitudes on Entrance into Marriage.

- Axinn, William G., Stephanie Chardoul, Heather Gatny, Dirgha J. Ghimire, Jordan W. Smoller, Yang Zhang Scott. 2020. "Using Life History Calendars to Improve Measurement of Lifetime Experience with Measureme
- Benjet, Corina, William G. Axinn, Sabrina Hermosilla, Paul Schulz, Faith Cole, Laura Sampson, and Dirght "Exposure to Armed Conflict in Childhood vs Older Ages and Subsequent Onset of Major Depressiv *JAMA Network Open* 3(11):e2019848. doi:10.1001/jamanetworkopen.2020.19848. PMCID: PMC76
- Brauner-Otto, Sarah R., William G. Axinn, and Dirgha. J. Ghimire. 2020. "Parents' Marital Quality and Chito Adulthood." *Demography* 57:195-220. doi: 10.1007/s13524-019-00851-w. PMCID: PMC705658
- Cole, Faith, Corina Benjet, Dirgha J. Ghimire, and William G. Axinn. 2020. "Predictors of Transitions Acro Alcohol Use and Disorders in an Adult Population with Heterogeneous Ethnic Restrictions Regardin *Addiction* 116(4):809-818. doi: 10.1111/add.15221. PMCID: PMC7868473.
- Devkota, Hridaya Raj, Tula Ram Sijali, Carisa Harris, Dirgha J. Ghimire, Ndola Prata, and Michael N. Bate "Bio-Mechanical Risk Factors for Uterine Prolapse among Women Living in the Hills of West Nepa Study." *Women's Health* 16:1745506519895175. doi: 10.1177/1745506519895175. PMCID: PMC6
- Ghimire, Dirgha and Prem Bhandari. 2020. "Study of Migration and Later Life Health in Nepal." *Journal of Health* 1-2:100018. doi: <a href="https://doi.org/10.1016/j.jmh.2020.100018">doi.org/10.1016/j.jmh.2020.100018</a>. PMCID: <a href="https://pmc.2020.100018">PMC8315697</a>.
- Pokhrel, Keshav P., Taysseer Sharaf, Prem Bhandari, and Dirgha Ghimire. 2020. "Farm Exit among Smallh Nepal: A Bayesian Logistic Regression Models Approach." *Agricultural Research* 9(4):675-683. do <u>020-00465-4.</u> PMCID: <u>PMC8550563</u>.
- Scott, Kate M., Yang Zhang, Stephanie Chardoul, Dirgha J. Ghimire, Jordan W. Smoller, and William G. A "Resilience to Mental Disorders in a Low-Income, Non-Westernized Setting." *Psychological Medica* 10.1017/S0033291720001464. PMCID: PMC7704796.
- Acharya, Yubraj, Dirgha J. Ghimire, Prem Bhandari, Ramesh Ghimire, and Andrew D. Jones. 2019. "House and Children's Diet in Nepal: An Exploratory Study." *BMC Research Notes* 12:390. doi: 10.1186/s1 PMCID: PMC6625056.
- Brauner-Otto, Sarah, Sarah Baird, and Dirgha Ghimire. 2019. "Maternal Employment and Child Health in Maternal Employment and C
- Ghimire, Dirgha J., Nathalie E. Williams, Arland Thornton, Linda Young-DeMarco, and Prem Bhandari. 20
  Origin-Based Surveying of International Migrants." Journal of Ethnic and Migration Studies 45(7):1

- Williams, Nathalie E., Dirgha J. Ghimire, and Karen A. Snedker. 2018. "Fear of Violence during Armed Coand Responsibilities as Determinants of Fear." *Social Science Research* 71:145-159. doi: 10.1016/j.ssresearch.2018.01.004. PMCID: PMC5846491.
- Allendorf, Keera, Arland Thornton, Colter Mitchell, Linda Young-DeMarco, and Dirgha Ghimire. 2017. "Empire Men: Timing Attitudes and Gender Differences in Marriage." *Journal of Marriage and Family* 79(5) 10.1111/jomf.12426. PMCID: PMC5679473.
- Axinn, William G., Dirgha J. Ghimire, and Emily Smith-Greenaway. 2017. "Emotional Variation and Fertil *Demography* 54(2):437-458. doi: 10.1007/s13524-017-0555-5. PMCID: PMC5426117.
- Ghimire, Dirgha J., William G. Axinn, Heather Gatny, and Stephanie Chardoul. 2017. "Preparing a Cultural Translation of a Survey Questionnaire." *SAGE Research Methods Cases Health*. doi: 10.4135/97815
- Pearlman, Jessica, Lisa D. Pearce, Dirgha J. Ghimire, Prem Bhandari, and Taylor Hargrove. 2017. "Postman Arrangements in Historically Patrilocal Settings: Integrating Household Fission and Migration Persp. Demography 54(4):1425-1449. doi: 10.1007/s13524-017-0588-9. PMCID: PMC5856169.
- Yabiku, Scott T., Jennifer E. Glick, Elizabeth Wentz, Dirgha Ghimire, and Qunshan Zhao. 2017. "Comparing Modes of Retrospective Activity Space Data Collection." *Survey Research Methods* 11(3):329-344. 10.18148/srm/2017.v11i3.6741. PMCID: PMC5881931.
- Bhandari, Prem B. and Dirgha J. Ghimire. 2016. "Rural Agricultural Change and Individual Out-migration." 81(4):572-600. doi: 10.1111/ruso.12106. PMCID: PMC5220587.
- Ghimire, Dirgha J. 2016. "Social Context of First Birth Timing in a Rapidly Changing Rural Setting." *Social* 61:314-329. doi: 10.1016/j.ssresearch.2016.07.001. PMCID: PMC5125526.
- Hawes, Armani, William G. Axinn, and Dirgha J. Ghimire. 2016. "Ethnicity and Psychiatric Disorders." *An and Mental Health* 4(4):1072. PMCID: PMC5560443.
- Axinn, William G., Nathalie E. Williams, Dirgha J. Ghimire, and Kate M. Scott. 2015. "Associations betwee Organization of Communities and Psychiatric Disorders in Rural Asia." *Social Psychiatry and Psychiatry Epidemiology* 50(10):1537-1545. doi: 10.1007/s00127-015-1042-1. PMCID: PMC4594883.
- Ghimire, Dirgha, J. 2015. "Wives' and Husbands' Nonfamily Experiences and First-Birth Timing." *Internal Sociology* 45(1):4-23. doi: 10.1080/00207659.2015.1004974. PMCID: PMC4587386.

- Carter, Neil H., Andrés Viña, Vanessa Hull, William J. McConnell, William Axinn, Dirgha Ghimire, and Ji "Coupled Human and Natural Systems Approach to Wildlife Research and Conservation." *Ecology* 19(3):43. doi: 10.5751/ES-06881-190343.
- Axinn, William G., Dirgha J. Ghimire, Nathalie E. Williams, and Kate M. Scott. 2013. "Gender, Traumatic Health Disorders in a Rural Asian Setting." *Journal of Health and Social Behavior* 54(4):444-461. d 10.1177/0022146513501518. PMCID: PMC3891584.
- Allendorf, Keera and Dirgha J. Ghimire. 2013. "Determinants of Marital Quality in an Arranged Marriage S *Science Research* 42(1):59-70. doi: 10.1016/j.ssresearch.2012.09.002. PMCID: PMC3711098.
- Bhandari, Prem and Dirgha J. Ghimire. 2013. "Rural Agricultural Change and Fertility Transition in Nepal." 78(2):229-252. doi: 10.1111/ruso.12007. PMCID: PMC3667159.
- Binstock, Georgina, Arland Thornton, Mohammad J. Abbasi-Shavazi, Dirgha Ghimire, Yu Xie, and Kathry "Influences on the Knowledge and Beliefs of Ordinary People about Developmental Hierarchies." *In Journal of Comparative Sociology* 54(4):325-344. doi: 10.1177/0020715213506726. PMCID: PMCI
- Ghimire, Dirgha J. and William G. Axinn. 2013. "Marital Processes, Arranged Marriage, and Contraception *Demography* 50(5):1663-1686. doi: 10.1007/s13524-013-0221-5. PMCID: PMC3786027.
- Ghimire, Dirgha J., Stephanie Chardoul, Ronald C. Kessler, William G. Axinn, and Bishnu P. Adhikari. 201 Validating the Composite International Diagnostic Interview (CIDI) for Use in Nepal." *Internationa Methods in Psychiatric Research* 22(1):71-81. doi: 10.1002/mpr.1375. PMCID: PMC3610833.
- Piotrowski, Martin, Dirgha J. Ghimire, and Ronald R. Rindfuss. 2013. "Farming Systems and Rural Out-Mi Rong, Thailand and Chitwan Valley, Nepal." *Rural Sociology* 78(1):75-108. doi: 10.1111/ruso.1200 PMC3963478.
- Axinn, William G., Dirgha J. Ghimire, and Nathalie E. Williams. 2012. "Collecting Survey Data during Arr *Journal of Official Statistics* 28(2):153-171. PMCID: PMC3571111.
- Jennings, Elyse, William G. Axinn, and Dirgha J. Ghimire. 2012. "The Effect of Parents' Attitudes on Son's Timing." *American Sociological Review* 77(6):923-945. doi: 10.1177/0003122412464041. PMCID:
- Link, Cynthia F., William G. Axinn, and Dirgha J. Ghimire. 2012. "Household Energy Consumption: Communication." *Social Science Research* 41(3):598-611. doi: 10.1016/j.ssresearch.2011.1 PMC3461177.

- Thornton, Arland, Georgina Binstock, Kathryn Yount, Mohammad Jalal Abbasi-Shavazi, Dirgha J. Ghimire 2012. "International Fertility Change: New Data and Insights from the Developmental Idealism France Demography 49:677–698. doi: 10.1007/s13524-012-0097-9. PMCID: PMC3328099.
- Thornton, Arland, Dirgha J. Ghimire, and Colter Mitchell. 2012. "The Measurement and Prevalence of an Identity and Economic Development in Nepal." *Population Studies* 66(3):329-345. doi: 10.1080/00324728.2012.714795. PMCID: PMC3505987.
- Williams, Nathalie E., Dirgha J. Ghimire, William G. Axinn, Elyse A. Jennings, and Meeta S. Pradhan. 201 Event-Centered Approach to Investigating Armed Conflict and Population Responses." *Demography* doi: 10.1007/s13524-012-0134-8. PMCID: PMC3495997.
- Axinn, William, G. and Dirgha J. Ghimire. 2011. "Social Organization, Population, and Land Use." *America Sociology* 117(1):209-258. doi: 10.1086/661072. PMCID: PMC3162250.
- Ghimire, Dirgha J. and William G. Axinn. 2010. "Community Context, Land Use and First Birth." *Rural So* 513. doi: 10.1111/j.1549-0831.2010.00019.x. PMCID: PMC2945390.
- Massey, Douglas S., William G. Axinn, and Dirgha J. Ghimire. 2010. "Environmental Change and Out-Mig from Nepal." *Population and Environment* 32(2):109-136. doi: 10.1007/s1111-010-0119-8. PMCI
- Massey, Douglas S., Nathalie Williams, William G. Axinn, and Dirgha J. Ghimire. 2010. "Community Ser Migration." *International Migration* 48(3):1-41. doi: 10.1111/j.1468-2435.2009.00581.x. PMCID: 10.1111/j.1468-2435.2009.00581.x.
- Bhandari, Prem, Sunder Shyam Shrestha, and Dirgha J. Ghimire. 2007. "Sociocultural and Geographical Di Immunization in Nepal." *Asia Pacific Population Journal* 22(1):43-64. doi: 10.18356/1e441780-en.
- Brauner-Otto, Sarah R., William G. Axinn, and Dirgha J. Ghimire. 2007. "The Spread of Health Services ar Transition." *Demography* 44(4):747-770. doi: 10.1353/dem.2007.0041.
- Ghimire, Dirgha J. and Lynette F. Hoelter. 2007. "Land Use and First Birth Timing in an Agricultural Setting and Environment 28(6):289-320. doi: 10.1007/s11111-007-0056-3.
- Ghimire, Dirgha J. and William G. Axinn. 2006. "Family Change in Nepal: Evidence from Western Chitwa to Nepalese Studies 33(2):177-201.
- Ghimire, Dirgha, J., William G. Axinn, Scott A. Yabiku, and Arland Thornton. 2006. "Social Change, Prem Experiences and Spouse Choice in an Arranged Marriage Society." *American Journal of Sociology* 1

- Axinn, William G., Lisa D. Pearce, and Dirgha J. Ghimire. 1999. "Innovations in Life History Calendar Approximate Research 28:243-264. doi: 10.1006/ssre.1998.0641.
- Axinn, William G., Jennifer S. Barber, and Dirgha J. Ghimire. 1997. "The Neighborhood History Calendar Method Designed for Dynamic Multilevel Modeling." *Sociological Methodology* 27:355-392. doi: <u>1</u> 9531.271031.

## **Under Review**

- Ghimire, Dirgha J. "Social Change, Individual and Intergenerational Influence of Fatalism on Marriage Tim
- Clark, Michele, Qunshan Zhao, Abigail Sullivan, Scott Yabiku, Abigail York, Dirgha Ghimire, Li An, Jie Dand Sharon J. Hall. "Ecological and Social Drivers of Invasive Plant Abundance in Buffer Zone Conwithin a Subtropical Biodiversity Hotspot."
- Rai, Sauharda, Rubina Awale, Nathalie Williams, Dirgha Ghimire and Deepa Rao. "Understanding the men impact of men's migration on their wives who stay behind in Nepal"

## **Book Chapters**

- Hermosilla, Sabrina, Emily Treleaven, and Dirgha Ghimire. In press. "Migration and Health in Nepal" Cha Migration and Health edited by Sandro Galea, Catherine K. Ettman, and Muhammad H. Zaman. C London, UK: The University of Chicago Press.
- Williams, Nathalie and Dirgha Ghimire. 2018. "Mixed Methods Data Collection in a Comparative Context: New Opportunities for Social Science Research." Chapter 20 in *Advances in Comparative Survey Multinational, Multiregional, and Multicultural Contexts* edited by Timothy P. Johnson, Beth-Ellen L. Stoop, and Brita Dorer. Hoboken, NJ: John Wiley & Sons.
- Mneimneh, Zeina, N., William G. Axinn, Dirgha Ghimire, Kristen L. Cibelli and Mohammad Salih Alkaisy "Conducting surveys in areas of armed conflict." Pp.134-156 in *Hard-to-Survey Populations* edited B. Edwards, T. P. Johnson, K. M. Wolter, and N. Bates. Cambridge, UK: Cambridge University Pre
- Williams, Nathalie E., Arland Thornton, Dirgha J. Ghimire, and Linda C. Young-DeMarco. 2012. "Nepali M Cooperation Council Countries: Behaviors, Plans, and Values." Pp. 155-185 in *Migrant Labor in the* edited by M. Kamrava and Z. Babar. London, UK: C. Hurt & Co. Ltd.
- Thornton, Arland, Alexandra Achen, Jennifer S. Barber, Georgina Binstock, Wade M. Garrison, Dirgha J.

- Axinn, William G., Dirgha J. Ghimire, and Jennifer S. Barber. 2008. "The Influence of Ideational Dimension Change on Family Formation in Nepal." Pp.251-280 in *International Family Change: Ideational Pe* by R. Jayakody, A. Thornton and W. G. Axinn. Mahwah, NJ: Lawrence Erlbaum Associates.
- Thornton, Arland, Georgina Binstock, and Dirgha J. Ghimire. 2008. "International Dissemination of Ideas a and Family Change." Pp. 19-44 in *International Family Change: Ideational Perspectives*, edited by Thornton, and W. G. Axinn. Mahwah, NJ: Lawrence Erlbaum Associates.

## **Book Review**

Ghimire, Dirgha J. 2003. Review of *Harbingers of Rain: Land and Life in South India* by A. R. Vasavi. *The Studies* 62(3):689-91.

## **Research Reports**

- Fehringer, Jessica, Mary Allegra Paul, Dirgha Ghimire, Jeevan Raj Lohani, Prem Bandhari, Diwakar Basner Kamana Uprety. 2018. Interventions to Strengthen the Health Facility Operations and Management Operal: Final Report MEASURE Evaluation Gender, Policy, and Measurement Program (funded by Operations/www.measureevaluation.org/resources/publications/tre-17-005).
- Fehringer, Jessica, Prem Bhandari, Dirgha Ghimire, Jeevan Raj Lohani, B. Dawadi, V. Acharya, and B. Adl Impact Evaluation of Approaches to Strengthen Health Facility Operation and Management Commit Baseline Report. MEASURE Evaluation Gender, Policy, and Measurement Program (funded by US. (http://www.cpc.unc.edu/measure/publications/tr-15-114).
- de Jong, Julie, Dirgha Ghimire, Arland Thornton, and Lisa D. Pearce. 2006. "Developmental Idealism and Of Marriage." PSC Research Report No. 06-609. Ann Arbor, MI: University of Michigan.
- Ghimire, Dirgha J. 1994. CARE-Nepal Long Range Strategy Plan, CARE-International in Nepal.

## **Works in Progress**

- Ghimire, Dirgha J. and William G. Axinn. "Community-Level Ideation and Fertility Transition: Neighbors' Transition to Parenthood."
- Ghimire, Dirgha J. and William G. Axinn. "Parents' Socioeconomic Characteristics and Intergenerational T Marital Behavior."
- Ghimire, Dirgha J. and William G. Axinn. "Social Change, Population, and Environment: Impact of Popula

## **Research Grants**

research Granes	
April 2022 - March 2024	French National Institute of Research for Sustainable Development, Institute of Research Development, France Randomized evaluation of a parental education training program and its impacts on childhood development outcomes in Nepal Co-Investigator €79,995 Total Cost.
March 2022 - September 2022	University of California, Berkeley Using co-design to improve household biogas systems and their cost-effectiveness in farming communities Social Science Adviser \$14,064 Total Cost.
September 2021 - August 2023	National Institute of Mental Health A New Population-scale Approach for the Study of Psychological Stress in the Tran Adulthood <b>Co-Investigator</b> (R21 HD104993) \$429,000 Total Cost.
July 2021 - June 2026	National Institute of Child Health and Human Development Family Migration Context, Socialization, and Children's Socio-emotional Developm <b>Co-Investigator</b> (R01 HD101527) \$1,464,122 Total Cost.
September 2020 - August 2022	National Institute of Child Health and Human Development Migrant, Family Context, and Child Health <b>Co-Investigator</b> (R03 HD098705) \$156,000 Total Cost.
July 2020 - April 2025	National Institute of Child Health and Human Development Interdisciplinary Research Training Program for International Population Science <b>Co-Investigator</b> (R25 HD 101358) \$810,000 Total Cost.
June 2020 - February 2025	National Institute of Child Health and Human Development Intergenerational Influences on Marriage, Contraception, and Childbearing <b>Co-Investigator</b> (R01 HD099135) \$3,780,858 Total Cost.
April 2020 - March 2022	National Institute of Child Health and Human Development Impact of Relationship Factors on Physical and Psychological Health and Wellbeing

Principal Investigator (R03 HD098706) \$156,000 Total Cost.

April 2019 - McGill University

April 2018 - March 2019	Templeton Religion Trust, National Opinion Research Center (NORC), University o International Social Survey Program Religion IV study: Cross National Comparative Religion in Nepal <b>Principal Investigator</b> USD \$170,196 Total Cost.
October 2017 - September 2021	Department for International Development (DFID) – Economic and Social Research Improving Learning: Developing Measures of Accountability and Evaluating their A Students' Gains in Achievement in Nepal <b>Principal Investigator</b> (ES/P005551/1) \$916,224 Total Cost.
September 2017 - June 2021	National Institute of Mental Health Understanding the Connections among Genes, Environment, Family Processes, and I <b>Co-Investigator</b> (R01 MH110872) \$3,108,183 Total Cost.
September 2016 - August 2019	Columbia University Family Migration and Early Life Outcomes FAMELO Project: Migrant Interview At <b>Principal Investigator</b> . \$77,796 Total Cost.
September 2016 - August 2017	National Institute of Mental Health Understanding the Connections among Genes, Environment, Family Processes and N Co-Investigator (R56 MH110872). \$819,442 Total Cost.
August 2016 - July 2018	National Institute of Child Health and Human Development Female Labor Force Participation and Child Outcomes <b>Institutional Principal Investigator</b> (R03 HD086301). \$171,627 Total Cost.
July 2016 - March 2017	MEASURE Evaluation at University of North Carolina Strengthening Health Facility Operation and Management Committees (HFOMCs) E Quantitative Data Collection in Nepal. <b>Principal Investigator</b> . \$324,117 Total Cost.
October 2015 - September 2016	National Institute of Child Health and Human Development Testing a New Approach to Research on Genetics, Environment, Family and Mental <b>Co-Investigator</b> (R56 HD085284) \$299,563 Total Cost.
September 2015 - August 2018	National Eye Institute Investigation of Ocular Disease and Household Fuels in Kaski District, Nepal <b>Co-Investigator</b> (R01 EY025022) (no dollar amount given) Total Cost.

October 2014 - September 2017	Department for International Development (DFID) – Economic and Social Research Labor Outmigration, Agricultural Productivity and Food Security <b>Principal Investigator</b> (ES/L012065/1). \$882,017 Total Cost.
September 2014 - August 2017	PEER Health (National Academy of Science), a joint program of USAID & National Health Investigation of the effectiveness of national clean cookstove program in Nepal in re respiratory tract infection in ≤5 children. Investigator. \$449,384 Total Cost.
April 2014 - March 2015	MEASURE Evaluation at University of North Carolina Impact Evaluation of a Gender Equality and Social Inclusion (GESI) and Community Intervention for Health Facility Operation and Management Committees in Nepal: Q Component Principal Investigator. \$303,120 Total Cost.
June 2013 - May 31 2015	National Institute of Child Health and Human Development Innovation in the Measurement of Community Contextual Features (Yabiku, PI. Ariz <b>Principal Investigator</b> (R21 HD073758). Michigan subcontract. \$259,018 Michigan
September 2012 - August 2018	National Science Foundation CNH: Feedbacks between Human Community Dynamics and Socio-ecological Vuln Biodiversity Hotspot (Yabiku, PI. Arizona State). <b>Principal Investigator</b> (13 066 BCS 1211498). Michigan subcontract. \$464,318 MicCost.
October 2010 - September 2012	National Institute of Child Health and Human Development Innovative Methods for Obtaining Survey Data from Migrants. <b>Co-Principal Investigator</b> (R21 HD065077). \$425,562 Total Cost.
September 2009 - August 2011	National Institute of Child Health and Human Development Marital Process, Husband-Wife Relations, and Fertility Limitation. <b>Principal Investigator</b> (R03HD055976). \$154,500 Total Cost.
September 2009 - August 2012	National Institute of Child Health and Human Development Reciprocal Relations Between Population and Environment. <b>Co-Principal Investigator</b> (R01HD033551 12). \$1,039,836 Total Cost.

Co-Principal Investigator (R01 HD054842). \$2,925,229 Total Cost.

October 2007 - September 2012	National Institute of Child Health and Human Development Intergenerational Influences on Family Formation in a Changing Social Context. <b>Co-Investigator</b> (R01 HD032912). \$2,501,948 Total Cost.
October 2007 - September 2012	National Science Foundation PIRE Collaborative Research and Training in Social Context, Population Processes, Environmental Change.  International Collaborator (OISE 0729709). \$2,492,303 Total Cost.
July 2001 - May 2007	National Institute of Child Health and Human Development Reciprocal Relations between Population and Environment

**Co-Investigator** (R01 HD33551). \$1,880,920 Direct Cost.

# September 1999 - National Institute of Child Health and Human Development Changing Social Context and Family Formation. Co-Investigator (R01 HD32912-06). \$1,148,496 Direct Cost.

## **Teaching Experience**

## Courses

- Mixed Method Data Collection Methods (Co-taught with Lisa Pearce) Course # Survey Meth Summer 2013
- Mixed Method Data Collection Methods (Co-taught with William Axinn) Course # Survey N Summer 2010, 2013-2018
- Nursing Research: Survey Design and Analysis Using Mixed Methods, 2015
- Introduction to Survey Research (short course in Nepal), 2010-2011
- Survey Data Analysis (once a year), 2010-2018
- Data Analysis (Nepal Data Users' Workshops), 2005, 2010-2011
- Event History Calendar Data Collection Methods, 2019

## **Mentoring**

## **Graduate Student Dissertation Committee Member:**

- -Nell Compernolle, Sociology, University of Michigan
- -Meeta Sainju Pradhan, Sociology, University of Michigan
- -Elvse Jennings, Sociology, University of Michigan

## **Undergraduate Honors Thesis Committee Member:**

- -Hannah Bent, Sociology, University of Michigan
- -Ka Yu Wong, Sociology and Political Science, University of Michigan
- -Austin Kozlowski, Sociology, University of Michigan

#### **Graduate Student Field Advisor:**

- -Sarah Brauner-Otto, University of Michigan
- -Colter Mitchell, University of Michigan
- -Cynthia Macht, University of Michigan
- -Meeta Sainju-Pradhan, University of Michigan
- -Elyse Jennings, University of Michigan

## **Nepal Mentor for University of Michigan PIRE-training:**

- -Colter Mitchell (2007)
- -Cynthia Macht (2008)
- -Elyse Jennings (2009/2010)
- -Hannah Bent (2008/2009)
- -Katie Hendricks (2008/2009)
- -Lindsay DiMarco (2009/2010)
- -Alex Cooperstock (2009/2010)
- -Ka Yu Wong (2010/2011)
- -Doug Cunningham (2010/2011)
- -Simone Jasmin Shurney (2010/2011)
- -Austin Kozlowski (2012/2013)

## **Nepal Policy Communication Fellows:**

- -Armani Hawes, University of Michigan (2015)
- -Loritta Cha, University of Washington (2016)
- -Akito Kamei, University of Illinois (2016)
- -Douglas Hopping, University of North Carolina Chapel Hill (2016)
- -Isabel Muse, University of Illinois (2017)

## **Post-doctoral Fellows:**

- -Keera Allendorf (2012)
- -Emily Smith-Greenaway (2015)
- -Emily Treleaven (2019-2021)
- -Hridaya Devkota (2018-2019)
- -Pratik Adhikary (2019-2020)

- Banchoff, Emma, William Axinn, Dirgha Ghimire, and Kate Scott. 2022. "Intergenerational Influences of Merchanter Timing." Paper presented at the Population Association of America Annual Meeting, April
- Treleaven Emily, and Dirgha J. Ghimire. 2022. "Children's Risk of Parental Migration: Identifying Timing a Factors of Being Left Behind in a Migrant-Sending Population." Poster presented at the Population America Annual Meeting April 6-9; Atlanta, GA.
- Ghimire, Dirgha J., and Uttam Sharma. 2022 "How Does Father's Migration Status Influence School Choic of their Children?" Paper presented at the Population Association of America Annual Meeting, Apri
- Ghimire, Dirgha J., Amit Anshumali, Emily Treleaven, and Sabrina Hermosilla. 2019. "International Out-M Health of Adolescents in Nepal." Population Association of America Annual Meeting, April 10-13,
- Brauner-Otto, Sarah R., Sarah Baird, and Dirgha J. Ghimire. 2019. "Women's Employment and Children's Longitudinal Evidence from Nepal." Population Association of America Annual Meeting, April 10-
- Glick, Jennifer, Sarah Miller, Melissa Alcaraz, and Dirgha J. Ghimire. 2019. "Educational Aspirations and I Comparative Approach." Population Association of America Annual Meeting, April 10-13, Austin,
- Yabiku, Scott, Jennifer Glick, Dirgha J. Ghimire, Juliana Levchenko, and Lauren Newmyer. 2019. "Labor M. Children's School Quality." Population Association of America Annual Meeting, April 10-13, Austi
- Bhandari, Prem, William G. Axinn, Dirgha Ghimire, and Rebecca Thornton. 2018. "Community Context, Norman's Participation in Agriculture." Population Association of America Annual Meeting, April 2
- Glick, Jennifer, Victor Agadjania, Dirgha Ghimire, Sarah Hayford, Carlos Santos, Natalie Eggum-Wilkens, 2017. "Children's Well-being in Diverse Migration Contexts: Goals, Design and Preliminary Findin FAMELO Project." Paper presented at the International Population Conference, October 29-Novemb South Africa.
- Ghimire, Dirgha, William Axinn, and Prem Bhandari. 2017. "Social Change, Out-migration and Exit from Appreciate at the International Population Conference, October 29-November 4, Cape Town, South Appreciate Conference, October 29-November 4, Cape Town, Oct
- Brauner-Otto, Sarah, Sarah Baird, and Dirgha Ghimire. 2017. "Women's Labor Force Participation and Chi Nepal." Paper presented at the International Population Conference, October 29-November 4, Cape Africa.
- Ghimire, Dirgha, William Axinn, and Prem Bhandari. 2017. "Social Change, Out-migration and Exit from Appresented at the 80<sup>th</sup> Annual Meeting of the Rural Sociological Society, July 27-30, Columbus, OH.

- Effects of a Low-technology Management Technique on *Mikania micrantha* in the Community Fore Nepal." Paper presented at International Conference on Biodiversity, Climate Change Assessment at Livelihoods, January 10-12, Kathmandu, Nepal.
- Ghimire, Dirgha and Prem Bhandari. 2015. "Migration Experience and Health Outcomes in Nepal." Paper paper Annual Meeting of the Population Association of America, April 30-May 2, San Diego Bayfront, Caranta and Prem Bhandari. 2015. "Migration Experience and Health Outcomes in Nepal." Paper pap
- Ghimire, Dirgha J., Ellen Compernolle, and William Axinn. 2015. "Intergenerational Influences on Children Timing." Paper presented at the Annual Meeting of the Population Association of America, April 30 Bayfront, CA.
- Ghimire, Dirgha J. and Prem Bhandari. 2014. "Migration Experience and Health Outcomes of Older Adults presented at the First Nepal Population Conference, June 5-7, Kathmandu, Nepal.
- Thornton, Arland, Linda Young-DeMarco, and Dirgha J. Ghimire, 2013. "Views of the Interrelationships of Developmental Idealism and Family Life: Evidence from Nepal." Paper presented at International U Scientific Study of Population, August 26-31, Busan, Republic of Korea.
- Ghimire, Dirgha J. and William G. Axinn. 2013. "Impact of the Spread of Mass Education on Domestic Vice Wives." Paper presented at International Union for the Scientific Study of Population, August 26-31 of Korea.
- Ghimire, Dirgha J., Nathalie Williams, Arland Thornton, Linda Young-DeMarco, and Prem B. Bhandari. 20 the Study of International Migrants." Presented at the Annual Meeting of the Population Association 11-13, New Orleans, LA.
- Thornton, Arland, Dirgha J. Ghimire, Linda Young-DeMarco, and Prem B. Bhandari. 2013. "The Reliability Measures about People's Values and Beliefs concerning Family Life and Social Change." Presented Meeting of the Population Association of America, April 11-13, New Orleans, LA.
- Axinn, William G., Sarah R. Brauner-Otto and Dirgha J. Ghimire. 2012. "Parents' Emotional Bond and Chi Timing." Paper presented at the Annual Meeting of the Population Association of America, May 3-5 CA.
- Bhandari, Prem B. and Dirgha J. Ghimire. 2012. "Agricultural Change and Migration in a Rural Agrarian Sepresented at the Annual Meeting of the Population Association of America, May 3-5, San Francisco,
- Allendorf, Keera and Dirgha J. Ghimire. 2011. "Dimensions and Determinants of Marital Quality in Nepal." at the Annual Meeting of the Population Association of America, March 31-April 2, Washington, D.

- presented at the 8<sup>th</sup> International Workshop on Comparative Survey Design and Implementation (CS University, March 24-26, London, UK.
- Williams, Nathalie, Dirgha J. Ghimire, Mansoor Moaddel, Arland Thornton, and Linda Young-DeMarco. 20 Migrants to the Gulf Cooperation Council Countries: Values, Behaviors, and Plans." Presented at the Gulf Meeting, January 10, Georgetown University, Doha, Qatar.
- Bhandari, Prem and Dirgha J. Ghimire. 2010. "Farm Technology Use and Fertility Transition in an Agrarian Nepal." Paper presented at the First Asian Population Association Annual Meetings, November 16-India.
- Bhandari, Prem and Dirgha J. Ghimire. 2010. "Modern Farm Inputs Use and Fertility Transition in an Agran Nepal." Poster presented at the Annual Meeting of the Population Association of America, April 15-
- Thornton, Arland, Georgina. Binstock, Katharine Yount, Mohammad Jalal Abbasi-Shavazi, Dirgha J. Ghim 2010. "International Fertility Change: New Data and Insights from the Developmental Idealism Fra presented at the Annual Meeting of the Population Association of America, April 15-17, Dallas, TX.
- Ghimire, Dirgha J and William G. Axinn. 2009. "Social Change, Population, and Environment: Impact of P diversity in a Natural Resources-Dependent Community." Paper presented at the Annual Meeting of Association of America, April 30-May 2, Detroit, MI.
- Thornton, Arland, Mohammad Jalal Abbasi-Shavazi, Georgina Binstock, Dirgha J. Ghimire, Yu Xie, and K 2009. "International Fertility Change: Insights from the Developmental Idealism Framework." Paper Special Interdisciplinary Workshop on Fertility Declines in the Past, Present and Future: What We I What We Need to Know. Sponsored by the British Society for Population Studies and Cambridge G History of Population and Social Structure, July 15-17, Cambridge, UK.
- Thornton, Arland, Alexandra Achen, Jennifer Barber, Georgina Binstock, Wade M. Garrison, Dirgha J. Ghi Guangzhou, Ronald Inglehart, Rukmalie Jayakody, Yang Jiang, Julie de Jong, Katharine King, Ron Sohair Mehenna, Colter Mitchell, Mansoor Moaddel, Mary Beth Ofstedal, Norbert Schwarz, Yu Xie Linda C. Young-DeMarco, and Kathryn Yount. "Process and Method for Creating Questions and Process International Study of Developmental Idealism, Developmental Thinking, and Family Life." Paper International Conference on Survey Methods in Multinational, Multiregional and Multicultural Contacts 25-28, Berlin, Germany.
- Dangol, Dharma R. and Dirgha J. Ghimire. 2008. "Reciprocal Relation between Population and the Environin Flora Data Collection." Paper presented at the 5<sup>th</sup> National Conference of Science and Technology Kirtipur, Kathmandu, Nepal.

- Multiregional, and Multicultural Contexts (3MC) Conference, June 25-28, Berlin Germany.
- Axinn, William G. and Dirgha J. Ghimire. 2008. "Data Collection Operations and Survey Data Quality Before After Armed Conflict." Paper presented at the International Conference on Survey Methods in Multiregional, and Multicultural Contexts (3MC) Conference, June 25-28, Berlin, Germany.
- Ghimire, Dirgha J. and William G. Axinn. 2008. "Social Change, Community Context, Wives and Husband Domestic Violence against Wives." Paper presented at the Annual Meeting of the Population Association April 17-19, New Orleans, LA.
- Thornton, Arland, Dirgha J. Ghimire, and Colter Mitchell. 2006. "The Measurement and Prevalence of Dev Thinking about the Family: Evidence from Nepal." Paper presented at the European Population Con 24, Liverpool, UK.
- Ghimire, Dirgha J. and Lynette F. Hoelter. 2006. "Land Use and First Birth timing in an Agricultural Setting presented at the Annual Meeting of the Population Association of America, March 30-April 1, Los Agricultural Setting presented at the Annual Meeting of the Population Association of America, March 30-April 1, Los Agricultural Setting presented at the Annual Meeting of the Population Association of America, March 30-April 1, Los Agricultural Setting presented at the Annual Meeting of the Population Association of America, March 30-April 1, Los Agricultural Setting presented at the Annual Meeting of the Population Association of America, March 30-April 1, Los Agricultural Setting presented at the Annual Meeting of the Population Association of America, March 30-April 1, Los Agricultural Setting presented at the Annual Meeting of the Population Association of America, March 30-April 1, Los Agricultural Setting presented at the Annual Meeting of the Population Association of America, March 30-April 1, Los Agricultural Setting presented at the Annual Meeting presented
- de Jong, Julie, Dirgha J. Ghimire and Arland Thornton. 2006. "The Influence of Developmental Idealism or Evidence from Nepal." Paper presented at the Annual Meeting of the Population Association of American April 1, Los Angeles, CA.
- Ghimire, Dirgha J. 2005. "The Family Change in Nepal." Paper presented at the plenary session on Nepal: Operation of the Midwest Conference on Asian September 23-25, East Lansing, MI.
- Thornton, Arland, Dirgha J. Ghimire, and Colter Mitchell. 2005. "The Measurement and Prevalence of Dev Thinking about the Family: Evidence from Nepal." Paper presented at the Annual Meeting of the Po Association of America, March 31-April 2, Philadelphia, PA.
- Brauner, Sarah, William G. Axinn and Dirgha J. Ghimire. 2004. "Social Change, Health Services, and Ferti Paper presented at the Annual Meeting of the American Sociological Association of America, Augu Francisco, CA.
- Axinn William G., Dirgha J. Ghimire and Jennifer S. Barber. 2004. "The Impact of Ideational Dimensions of Family Formation Processes." Paper presented at the Conference on Ideational Factors in Internation June 3-5, Ann Arbor, MI.
- Thornton, Arland, Georgina Binstock, and Dirgha J. Ghimire. 2004. "International Networks, Ideas, and Far Paper presented at the Annual Meeting of the National Council on Family Relations, November 17-2

- Ghimire, Dirgha J. 2003. "Prospects and Problems for Health Related Research in Nepal." Paper presented Conference of the America Nepal Medical Foundation, Ann Arbor, MI.
- Axinn, William G. and Dirgha J. Ghimire. 2002. "Population and Environment: The Impact of Fertility on I Agricultural Society." Paper presented at the Annual Meeting of Population Association of America Atlanta, GA.
- Yabiku, Scott, William G. Axinn, Dirgha J. Ghimire and Keith Robinson. 2002. "School Quality and Marria presented at the Annual Meeting of the Population Association of America, May 9-11, Atlanta, GA.
- Ghimire, Dirgha J. and William G. Axinn. 2001. "Premarital Independence and Spouse Choice in an Arrang Society." Paper presented at the Annual Meeting of the Population Association of America, March 2 D.C.
- Ghimire, Dirgha J. 1992. "Critique on CARE-Nepal Program Policies from Gender Perspective." Paper pres on Women, Men and Development at Institute of Development Studies at University of Sussex, Brig
- Ghimire, Dirgha J. 1991. "Problems and Perspectives of Integrated Pest Management in Nepal." Paper pres Asia Regional Conference on Integrated Pest Management, Sri Lanka.

## **Academic Honors/Awards**

- 1998-2003 Pre-doctoral Training Fellowship. Population Studies Center, Institute for Social Research, U Michigan, Ann Arbor, MI 48106
- 1997-1998 Pre-doctoral Training Fellowship. Population Research Institute, Pennsylvania State Univers Park, PA 16802
- Outstanding Employee Award-Scholarship for Undergraduate Training. Swiss Association for Assistance (SATA), Nepal

## **Academic and Professional Services**

Occasional Reviewer: American Journal of Sociology, Social Science and Medicine, International Family Perspectives, Social Science Research, Sociological Methodology, Demography, Population and Environment Biodemography and Social Biology, International Migration, Prospects (UNESCO Quarterly Review of Content Education), Population Research and Population Review, Family Planning Perspectives, Qualitative Sociology, International Indigenous Policy Journal, Population Studies, The Professional Geographer, Journal Family, Demographic Research, Sustainability, Qualitative Sociology, Ecology and Society, and British Journal

PLoS ONE, World Development, Journal of International Development.

International Union for the Scientific Study of Population (IUSSP) Population Association of Nepal (PAN)

## Languages

English: Excellent Nepalese: Excellent Hindi: Excellent

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