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Department of Maternal and Child Health University of North Carolina at Chapel Hill Gillings School of Global Public Health

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# **EDUCATION**

1997	PhD, University of North Carolina at Chapel Hill, Economics
1991	MA, State University of New York at Stony Brook, Economics
1989	BA, Pontificia Universidad Católica del Perú, Social Sciences with major in Economics
	PROFESSIONAL EXPERIENCE
2019-present	Research Associate Professor, Department of Public Policy, UNC-CH
2018-present	Clinical Associate Professor, Department of Maternal and Child Health, Gillings School of Global Public Health, UNC-CH
2017-2019	Adjunct Research Assistant Professor, Department of Public Policy, UNC-CH
2013-present	Senior Research Advisor and co-Lead Investigator for UNC, Transfer Project
2020-present	Senior Research Advisor, Data for Impact (D4I), Carolina Population Center, UNC-CH
2011-2020	Senior Evaluation Advisor, MEASURE Evaluation, Phase III and Phase IV, Carolina Population Center, UNC-CH
2010-2011	Director, Center for Evaluation Research and Surveys, National Institute of Public Health of Mexico, Cuernavaca, Mexico
2008-2018	Research Assistant Professor, Department of Maternal and Child Health, Gillings School of Global Public Health, UNC-CH
2002-present	Faculty Fellow, Carolina Population Center, UNC-CH
2002-2008	Assistant Professor, Department of Maternal and Child Health, Gillings School of Global Public Health, UNC-CH
2000-2009	Deputy Director, MEASURE Evaluation Project, Phase I, II, and III. Carolina Population Center, UNC-CH. Acting Director
2002 (Aug-Oct)	Acting Director, MEASURE Evaluation, Phase I, Carolina Population Center, UNC-CH
1997-2002	Research Associate, Carolina Population Center, UNC-CH
1994-1996	Predoctoral Trainee, Carolina Population Center, UNC-CH
1987-1989	Junior Researcher, Instituto Andino de Estudios en Desarrollo y Población (INANDEP), Lima, Perú
	HONORS AND AWARDS
2020	Delta Omega. Faculty member. April 15, 2020
2017	Award for Teaching Excellence and Innovation. Gillings School of Global Public Health, UNC-CH. March 23, 2017
1995	Predoctoral Traineeship at Carolina Population Center. Hewlett Foundation
1994	Predoctoral Traineeship at Carolina Population Center. Compton and Hewlett Foundations

# **Research Areas of Focus**

Impact evaluation of development programs, health economics, cash transfers, social protection, causal inference, outcome evaluations.

# **PUBLICATIONS**

## **Books and manuals**

- 1. Lance P, Guilkey D, Hattori A, **Angeles G**. "How do we know if a program made a difference? A guide to statistical methods for program impact evaluation." Chapel Hill, NC: MEASURE Evaluation. May 2014. ISBN 978-0-692-23861-5.
- 2. Islam N, Mahbub AQM, Nazem N, **Angeles G**, Lance P. "<u>Slums of urban Bangladesh: Mapping and census</u>, <u>2005</u>." Centre for Urban Studies, Bangladesh's National Institute of Population Research and Training (NIPORT), MEASURE Evaluation. Dhaka, Bangladesh. 2006. ISBN 978-0-9842585-6-7.
- 3. Turner A, **Angeles G**, Tsui AO, Wilkinson M, Magnani R. "<u>Sampling manual for facility surveys for population, maternal health, Child Health and STD Programs in developing Countries." MEASURE Evaluation. Chapel Hill, NC. 2001. ISBN 978-0-9842585-2-9.</u>

## **Book chapters**

- Angeles G, Abdoulayi S, Barrington C, Handa S, Kainja E, Mvula P, Mwamlima H, Tsoka M, Spadafora T.
   "The Social Cash Transfer Programme of Malawi: The role of evaluation from the pilot to the expansion."
   In: Davis B, Handa S, Hypher N, Winder Rossi N, Winters P, Yablonski J, editors. "From Evidence to
   Action: The Story of Cash Transfers and Impact Evaluation in Sub-Saharan Africa." Oxford University
   Press 2016. p. 281-305.
- 2. Trujillo AJ, Vernon J, Rodriguez L, **Angeles G**. "Race and health disparities among seniors in urban areas in Brazil." In: Guifrida A, editor. "Racial and ethnic disparities in health in Latin America and the Caribbean." Washington DC: Inter-American Development Bank. Social Protection and Health Division. Country Department Andean Group. 2007. p. 93-130.

# Peer-reviewed journal articles (\*=Student or mentee co-author)

- 1. **Angeles G**, Silverstein H\*, Ahsan KZ, Kibria MG, Rakib NA, Escudero G, Sing K, Mpiima J, Simmons E, Weiss W. "Estimating the Effects of COVID-19 on Essential Health Services Utilization in Uganda and Bangladesh using data from Routine Health Information Systems." Frontiers in Public Health. 2023 August, vol 11, https://doi: 10.3389/fpubh.2023.1129581
- 2. **Angeles G**, Silverstein H\*, Worges M, Hotchkiss D, Wisniewski J, Lusamba P, Weiss W, Ahsan KZ. "Area-specific COVID-19 effects on health services utilization in the Democratic Republic of the Congo using routine health information system data." <u>BMC Health Services Research</u>. 2023 June, 23(1):575. https://doi.org/10.1186/s12913-023-09547-9
- 3. Maara J\*, Cirillo C, **Angeles G**, Prencipe L, deMilliano M, Lima S, Palermo T. "Impacts of cash transfers and "Cash Plus" programs on self-perceived stress in Africa: Evidence from Ghana, Malawi, and Tanzania." <a href="SSM Population Health">SSM Population Health</a>. 2023 June. 22:101403. https://doi: 10.1016/j.ssmph.2023.101403
- 4. Barrington C, Davis D, **Angeles G**, Pajarito Rompich AY, Santa Luce R, Shelus V, Northbrook S. "HIV treatment and mental health outcomes among gay, bisexual, and other men who have sex with men living with HIV in a pilot multicomponent intervention in Guatemala City." <u>Health Education & Behavior</u>, 2023 April. doi: 10.1177/10901981231164598
- 5. Quinones\* S, Mendola P, Tian L, Lin S, Novignon J, **Angeles G**, Palermo T. "The Livelihood Empowerment Against Poverty in the first 1,000 days of life program has seasonal impacts on birthweight: a differences-in-differences analysis." <u>International Journal of Public Health</u>. 2023 February. 68:1605336. <a href="https://doi.org/10.3389/ijph.2023.1605336">https://doi.org/10.3389/ijph.2023.1605336</a>
- 6. Mussa E, Palermo T, **Angeles G**, Kibur M, Otchere F. "Impact of community-based health insurance on health services utilization among vulnerable households in Amhara region, Ethiopia." <u>BMC Health Services Research</u>. 2023 Jan. https://doi.org/10.1186/s12913-023-09024-3
- 7. Bartels SM\*, Galindo C, **Angeles G**, Barrington C. "Assessing associations between stigma and mental health among preexposure prophylaxis users in Guatemala." Accepted at <u>Stigma and Health</u>. 2022 Nov. Advance online publication. <a href="https://psycnet.apa.org/doi/10.1037/sah0000429">https://psycnet.apa.org/doi/10.1037/sah0000429</a>
- 8. Kanchanachitra M, Angeles G. "Impact of a school-based nutrition intervention in preventing overweight

- and obesity in children in Thailand" <u>Journal of School Health</u>. 2022 September. <a href="https://doi.org/10.1111/josh.13253">https://doi.org/10.1111/josh.13253</a>
- 9. Otieno P\*, **Angeles G**, Quiñones S\*, van Halsema V, Novignon J, Palermo T. "Health services availability and readiness moderate cash transfer impacts on health insurance enrolment: Evidence from the LEAP 1000 cash transfer program in Ghana." <u>BMC Health Services Research</u>. 22, 559; 2022 May. <a href="https://doi.org/10.1186/s12913-022-07964-w">https://doi.org/10.1186/s12913-022-07964-w</a>
- 10. **Angeles G**, Ahsan KZ\*, Curtis S, Spencer J, Streatfield PK, Chakraborty N, Brodish P. "Measurement Challenges in Designing and Conducting Surveys on Urban Population: Experience from Bangladesh Urban Health Surveys." <u>Survey Methods: Insights from the Field</u>. 2022 April. <a href="https://doi.org/10.13094/SMIF-2022-00001">https://doi.org/10.13094/SMIF-2022-00001</a>
- 11. Davis DA\*, Muessig K, Matthews D, **Angeles G**, McNaughton-Reyes L, Guzman K, Northbrook S, Barrington C. "She showed me a new path, a way forward': exploring how navigation influences mental health among Guatemalan gay and bisexual men living with HIV." <u>Health Promotion International</u>, 2021 Nov. <a href="https://doi.org/10.1093/heapro/daab188">https://doi.org/10.1093/heapro/daab188</a>
- 12. de Milliano M\*, Barrington C, **Angeles G**, Gbedemah C. "Crowding-out or Crowding-in? Effects of LEAP 1000 Unconditional Cash Transfer Program on Household and Community Support among Women in Rural Ghana." World Development. 2021 April;143. <a href="https://doi.org/10.1016/j.worlddev.2021.105466">https://doi.org/10.1016/j.worlddev.2021.105466</a>
- 13. Davis D, **Angeles G**, McNaughton-Reyes L, Matthews D, Muessig K, Northbrook S, Barrington C. "Examining how health navigation affects mental health among gay, bisexual and other men who have sex with men living with HIV in Guatemala." <u>AIDS Patient Care and STDs</u>. 2021 April;35(4). <a href="https://doi.org/10.1089/apc.2021.0008">https://doi.org/10.1089/apc.2021.0008</a>
- 14. Chakrabarti A, Handa S, **Angeles G**, Seidenfeld D. "A Cash Plus Program Reduces Youth Exposure to Physical Violence in Zimbabwe." World Development. 2020 October; 134, <a href="https://doi.org/10.1016/j.worlddev.2020.105037">https://doi.org/10.1016/j.worlddev.2020.105037</a>
- 15. Urquieta-Salomon J, Lamadrid-Figueroa H, Angeles G, Montoya A, Rojas-Martinez R, Martinez-Nolasco A, Torres-Pereda P, O'Shea G, Villagran VM, Halley E, Delgado-Sanchez V, Lazcano-Ponce E. "Impact of the 'Seguro Médico Siglo XXI' medical insurance programme on neonatal and infant mortality in Mexico, 2006-14: an ecological approach to estimation." <a href="https://doi.org/10.1093/heapol/czaa013">Health Policy and Planning</a>. 2020 April; czaa013, <a href="https://doi.org/10.1093/heapol/czaa013">https://doi.org/10.1093/heapol/czaa013</a>
- The Transfer Project (Angeles G, Handa S, Peterman A, Daidone S, Grinspun A, Winder-Rossi N, de Hoop J, Otchere F, Yablonski J, Palermo T.) "Beyond internal validity: Towards a broader understanding of credibility in development policy research." World Development. 2020 March;127 <a href="https://doi.org/10.1016/j.worlddev.2019.104802">https://doi.org/10.1016/j.worlddev.2019.104802</a>
- 17. Kim ET\*, Singh K, Speizer K, **Angeles G**, Weiss W. "Availability of health facilities and utilization of maternal and newborn postnatal care in rural Malawi." <u>BMC Pregnancy and Childbirth</u>. 2019 Dec;19(1) 503 doi:10.1186/s12884-019-2534-x
- 18. Palermo TM, Valli E, **Angeles G**, De Milliano M, Adamba C, Spadafora T, Barrington C. "Impact evaluation of a social protection programme paired with fee waivers on enrolment in Ghana's National Health Insurance Scheme" BMJ Open 2019 Nov;9(11):e028726. doi: 10.1136/bmjopen-2018-028726
- 19. Agarwal S\*, Curtis S, **Angeles G**, Speizer I, Singh K, Thomas J. "The impact of India's Accredited Social Health Activist (ASHA) program on the utilization of maternity services: a nationally representative longitudinal study." <u>Human Resources for Health</u>. 2019 Aug;17(1):68. doi: 10.1186/s12960-019-0402-4
- 20. Agarwal S\*, Curtis S, **Angeles G**, Speizer I, Singh K, Thomas J. "Are Community Health Workers effective in retaining women in the maternity care continuum? Evidence from India." <u>BMJ Global Health</u>. 2019 Jul;4(4):e001557. <a href="https://doi.org/10.1136/bmjgh-2019-001557">https://doi.org/10.1136/bmjgh-2019-001557</a>
- 21. **Angeles G**, Ahsan KZ\*, Streatfield PK, El Arifeen S, Jamil K. "Reducing inequity in urban health: have the intra-urban differentials in reproductive health service utilization and child nutritional outcome narrowed in Bangladesh?" Journal of Urban Health. 2019 Apr; 96(2):193-207.https://doi.org/10.1007/s11524-018-0307-x

- 22. **Angeles G**, de Hoop J, Handa S, Kilburn K, Milazzo A, Peterman A. "Government of Malawi's Unconditional Cash Transfer Improves Youth Mental Health" <u>Social Science & Medicine</u>. 2019 Mar; 225:108-119. https://doi.org/10.1016/j.socscimed.2019.01.037
- 23. Dake F, Natali L, **Angeles G**, de Hoop J, Handa S, Peterman S. "Cash transfers, early marriage and fertility in Malawi and Zambia." <u>Studies in Family Planning</u>. 2018 Dec; 49(4):295-317. <a href="https://doi.org/10.1111/sifp.12073">https://doi.org/10.1111/sifp.12073</a>
- 24. Priedeman Skiles M, Curtis S, **Angeles G**, Mullen S, Senik T. "Evaluating the impact of social support services on tuberculosis treatment default in Ukraine." PLOS ONE. 2018 Aug. 13(8): e0199513
- 25. Fritz J, Lamadrid-Figueroa H, **Angeles G**, Montoya A, Walker D. "Health providers pass knowledge and abilities acquired by training in obstetric emergencies to their peers: The average treatment on the treated effect of PRONTO on delivery attendance in Mexico." <u>BMC Pregnancy and Childbirth</u>. 2018 Jun; 18:232. <a href="https://doi.org/10.1186/s12884-018-1872-4">https://doi.org/10.1186/s12884-018-1872-4</a>
- 26. Brugh K\*, **Angeles G**, Mvula P, Tsoka M, Handa S. "Impacts of the Malawi social cash transfer program on household food and nutrition security." <u>Food Policy</u>. 2018 Apr;76:19-32. <a href="https://doi.org/10.1016/j.foodpol.2017.11.002">https://doi.org/10.1016/j.foodpol.2017.11.002</a>
- Kilburn K\*, Handa S, Angeles G. "Paying for Happiness: Experimental Results from a Large Cash Transfer Program in Malawi." <u>Journal of Policy Analysis and Management</u>. 2018 Mar;37(2):331-356. <a href="http://dx.doi.org/10.1002/pam.22044">http://dx.doi.org/10.1002/pam.22044</a>
- 28. Bhalla G\*, Handa S, **Angeles G**, Seidenfeld D. "The effect of cash transfers and household vulnerability on food security in Zimbabwe." <u>Food Policy</u>. 2018 Jan;74:82-99.
- 29. Khan SM\*, Speizer I, Ongechi KS, **Angeles G**, Twum-Danso N, Barker P. "Does postnatal care have a role in improving newborn feeding? A study in 15 sub-Saharan African countries." <u>Journal of Global Health</u>. 2017 Dec; 7(2). doi: 10.7189/jogh.07.020506.
- 30. Kilburn K\*, Handa S, **Angeles G**, Mvula P, Tsoka M. "Short-term impacts of an unconditional cash transfer program on child schooling: Experimental evidence from Malawi." <u>Economics of Education Review</u>. 2017 Aug; 59:63-80. <a href="https://doi.org/10.1016/j.econedurev.2017.06.002">https://doi.org/10.1016/j.econedurev.2017.06.002</a>
- 31. Jakubowski A\*, Stearns SC, Kruk ME, **Angeles G**, Thirumurthy H. "The US President's Malaria Initiative and under-five child mortality in Sub-Saharan Africa: A difference-in-differences analysis" <u>PLOS Medicine</u>. 2017 June 13;14(6): e1002319.
- 32. Fritz J\*, Walker DM, Cohen S, **Angeles G**, Lamadrid-Figueroa H. "Can a simulation-based training program impact the use of evidence based routine practices at birth? Results of a hospital-based cluster randomized trial in Mexico." <u>PLOS ONE</u>. 2017 Mar; 12(3): e0172623. <a href="https://doi.org/10.1371/journal.pone.0172623">https://doi.org/10.1371/journal.pone.0172623</a>
- 33. Lazcano-Ponce E, Katz G, Rodríguez-Valentín R, De Castro F, Allen-Leight B, Márquez-Caraveo ME, Ramírez-Garcia MA, Arroyo-Garcia E, Medina-Mora ME, **Angeles G**, Urquieta-Salomón JE, Salvador-Carulla L. "The intellectual developmental disorders Mexico study: situational diagnosis, burden, genomics and intervention proposal." <u>Salud Publica Mexico</u>. 2016 Dec;58(6):694-707.
- 34. Skiles M\*, Curtis S, Basinga P, **Angeles G**, Thirumurthy H. "The effect of performance-based financing on illness, care-seeking and treatment among children: an impact evaluation in Rwanda." <u>BMC Health Service Research</u>. 2015 Sep;15:375.
- 35. Agrawal A\*, Bloom S, Suchindran C, Curtis S, **Angeles G**. "Gender-based power and couples' HIV risk in Uttar Pradesh and Uttarakhand, North India." <u>International Perspectives on Sexual and Reproductive Health</u>. 2014;40(4):196-205.
- 36. Glassman A, Duran D, Fleisher L, Singer D, Sturke R, **Angeles G**, Charles J, Emrey B, Gleason J, Mwebsa W, Saldana K, Yarrow K, Koblinsky M. "Impact of conditional cash transfers on maternal and newborn health." <u>Journal of Health, Population and Nutrition</u>. 2013 Dec;31(4 Suppl 2):48-66.
- 37. Priedman Skiles M\*, Curtis S, Basinga P, Angeles G. "An equity analysis of performance-based financing

- in Rwanda: Are services reaching the poorest women?" <u>Health Policy and Planning</u>. 2013 Dec;28(8):825-837.
- 38. Trujillo A, Mroz T, Pira C, **Angeles G**, Tran N. "Caregiving and elderly health in Mexico." <u>International Journal of Health Services</u>. 2012;42(4):667-694.
- 39. Sambisa W, **Angeles G**, Lance P, Naved R, Thornton J. "Prevalence and correlates of physical spousal violence against women in slum and non-slum areas of urban Bangladesh." <u>Journal of Interpersonal</u> Violence. 2011 Sept;26(13):2592-2618.
- 40. Kolenikov S, **Angeles G**. "Cost efficiency of repeated cluster surveys." <u>Survey Methodology</u>. 2011 June;37(1): 75-94.
- 41. Lamadrid-Figueroa H\*, Tellez-Rojo MM, **Angeles G**, Hernandez-Avila M, Hu W. "Bias correction by use of errors-in-variables regression models in studies with K-X-ray fluorescence bone lead measurements." Environmental Research. 2011 Jan;111(1):17-20.
- 42. Sambisa W, **Angeles G**, Lance P, Naved R, Curtis S. "Physical and sexual abuse of wives in urban Bangladesh: Husbands' reports." <u>Studies in Family Planning</u>. 2010 Sept;41(3):165-178. ISSN 0039-3665.
- 43. Trujillo AJ, Mroz T, Piras C, **Angeles G.** "Determinants of gender differences in health among elderly in Latin America." World Health and Population. 2010;11(3):24-43.
- 44. Lamadrid-Figueroa H, **Angeles G**, Mroz T, Urquieta-Salomon J, Hernandez-Pado B, Cruz-Valdez A, Téllez-Rojo MM. "Heterogeneous impact of the social programme Oportunidades on use of contraceptive methods by young adult women living in rural areas." <u>Journal of Development Effectiveness</u>. 2010;2(1):74-86.
- 45. **Angeles G**, Lance P, Barden-O'Fallon J, Islam N, Mahbub AQ, Islam Nazem NI. "The 2005 census and mapping of slums in Bangladesh: Design, select results and application." <u>International Journal of Health Geographics</u>. 2009 Jun 8;8:32.
- 46. Urquieta-Salomon J, **Angeles G**, Mroz T, Lamadrid-Figueroa H, Hernandez-Prado B. "Impact of Oportunidades on skilled attendance at delivery in rural areas." <u>Economic Development and Cultural Change</u>. 2009 Apr;57(3):539-58.
- 47. Kolenikov S, **Angeles G**. "Socioeconomic status measurement with discrete proxy variables: Is principal components analysis a reliable answer?" <u>The Review of Income and Wealth</u>. 2009 Mar;55(1):128-65.
- 48. Trujillo AJ, Vernon J, Rodriguez L, **Angeles G**. "Race and health disparities among seniors in urban areas in Brazil." <u>Journal of Aging and Health</u>. 2009 Feb;21(1):3-37.
- 49. Spencer J, **Angeles G**. "Kernel density estimation as a technique for assessing availability of health services in Nicaragua." <u>Health Services and Outcomes Research Methodology</u>. 2007;7:145-57.
- 50. Trujillo AJ, Mroz TA, **Angeles G.** "Living arrangements and the role of caregivers among elderly in Latin America." World Health Population. 2007;9:114-31.
- 51. **Angeles G**, Trujillo AJ, Lastra A. "Is public health expenditure in Ecuador progressive or regressive?" <u>International Journal of Public Policy</u>. 2007;2:186-216.
- 52. Barden-O'Fallon J, **Angeles G**, Tsui A. "Imbalances in the health labour force: an assessment using data from three national health facility surveys." <u>Health Policy & Planning</u>. 2006;21:80-90.
- 53. **Angeles G**, Guilkey DK, Mroz TA. "The determinants of fertility in rural Peru: Program effects in the early years of the National Family Planning Program." <u>Journal of Population Economics</u>. 2005;18:367-89.
- 54. **Angeles G**, Guilkey DK, Mroz TA. "The effects of education and family planning programs on fertility in Indonesia." <u>Economic Development and Cultural Change</u>. 2005;54:165-201.
- 55. **Angeles G,** Guilkey DK, Mroz TA. "The impact of community-level variables on individual-level outcomes: Theoretical results and applications." Sociological Methods & Research. 2005;34:76-121.
- 56. Rommelman V, Setel P, Hemed Y, **Angeles G**, Mponezya H, Whiting D, Boerma T. "Cost and results of information systems for health and poverty indicators in the United Republic of Tanzania." Bulletin of the

- World Health Organization. 2005;83:569-77.
- 57. **Angeles G**, Guilkey DK, Mroz TA. "Purposive program placement and the estimation of program effects: The impact of family planning programs in Tanzania." <u>Journal of the American Statistical Association</u>. 1998;93:884-99.

#### Refereed Technical Reports and Working Papers (\*=Student or mentee co-author)

- 1. Handa S, Tsoka M, Barrington C, **Angeles G**, Mvula P, Chunga J, Balakasi K, Sirma P, Kafumba J, Ibrahim M, Fajardo S. "Malawi Social Cash Transfer Programme (SCTP) Longitudinal Impact Evaluation: Baseline Report" Report to the Government of Malawi. CSR-University of Malawi, UNC. December 2022.
- 2. **Angeles G**, Thakwalakwa C, Brugh K, Fehringer J, Kadzamira E, Mwase-Vuma T, Mkombe D, Markiewicz M, Millar L, Mainwaring M, Wilkes B, Chen T. "Malawi Secondary Education Expansion for Development (SEED) Impact Evaluation: Baseline Report." Report to the USAID Mission in Malawi. Data for Impact, UNC. October 2022.
- 3. LEAP-ISS Evaluation Team. "Baseline Report for Ghana LEAP and Complementary Services Impact Evaluation (2021-Phase 1)" Report to the Government of Ghana. ISSER, UNC, Navrongo HRC and UNICEF Office of Research-Innocenti. September 2022.
- 4. Amhara ISNP Evaluation Team. "Impact Evaluation of the Integrated Safety Net Programme in the Amhara Region of Ethiopia: Baseline Report." UNICEF Office of Research Innocenti and BDS Center for Development Research, Ethiopia. August 2020.
- 5. Khan S, **Angeles G**, Rahman M, Chakraborty N, Haider M, Escudero G, Ahsan K, Ijdi R. "Evaluation of the Improving Nutrition through Community Approaches (INCA) Project in Bangladesh: Outcome and Impact Evaluation." Report to the USAID Mission in Bangladesh. Data for Impact, UNC. July 2020.
- 6. Weaver E, Curtis S, Spencer J, **Angeles G**. "Linking data from demographic and agricultural surveys to examine the drivers of stunting and wasting in Nigeria: Lessons learned." Report to USAID's Bureau of Food Security. MEASURE Evaluation, UNC. May 2020.
- 7. **Angeles G**, Fehringer J, Calhoun L, Iskarpatyoti B, Odek W, Kwesigabo G, Lugalla J, Benson A, Silverstein H, McGuire C. "Midline Evaluation of the Tanzania Public Sector System Strengthening Program: Final Report." Report to the USAID Mission in Tanzania. MEASURE Evaluation, UNC. December 2019.
- 8. **Angeles G**, Khan S, Rahman M, Chakraborty N, Bartaki S, Escudero G. "Improving Nutrition through Community-Based Approaches in Bangladesh: 2017 Baseline Survey." Report to the USAID Mission in Bangladesh. MEASURE Evaluation, UNC. December 2019.
- 9. Handa A, Tembo G, Natali L, **Angeles G**, Spektor G. "In search of the holy grail: Can unconditional cash transfer graduate households out of poverty?" Impact Evaluation Report 103. International Initiative for Impact Evaluation (3ie). September 2019.
- 10. Fehringer J, Lance P, Ndirangu K, Benson A, **Angeles G**, Parker L, Foley S, Gobin S, Varela V, Morris L, Cannon A, Iskarpatyoti B. "Rwanda's Improved Services for Vulnerable Populations Project: Impact Evaluation. End Line Report." MEASURE Evaluation, UNC. September 2019.
- 11. Ghana 1000 Evaluation Team. "Ghana LEAP 1000 Programme: Endline Evaluation Report." Report to the Government of Ghana's Ministry of Gender, Children and Social Protection, and UNICEF. June 2018.
- 12. **Angeles G**, Benson A, Brodish P, Brugh K\*, Molina R, Romero M, Taylor T, Weaver E, Urquieta J. "Impact Evaluation of the Western Highlands Integrated Program (WHIP) in Guatemala, Midline Evaluation." Report to the USAID Mission in Guatemala. December 2017.
- 13. **Angeles G**, Chakrabarti A\*, Handa S, Otchere F\*, Spektor G. "Zimbabwe's Harmonized Social Cash Transfer Programme Endline Impact Evaluation Report." Report to the Government of Zimbabwe and UNICEF. November 2017.
- 14. Ahmed S, Ahsan KZ, **Angeles G**, Benson A, Chakraborty N, Curtis S, et al. "Bangladesh Maternal Mortality and Health Care Survey (BMMS) 2016: Preliminary Report." Dhaka and Chapel Hill, NC, National Institute

- of Population Research & Training (NIPORT), icddr,b, and MEASURE Evaluation, 2017.
- 15. Rahman M, **Angeles G**, Haider M, Brugh K\*, Kamal N, Chakraborty N, E-Ijdi R, Imam A. "Impact Evaluation of the Marketing Innovation for Health Project in Bangladesh." Report to USAID/Bangladesh. MEASURE Evaluation, UNC. September 2017.
- 16. Flax V, Bula A, Seguin R, **Angeles G**. "Integrating Nutrition in Value Chains in Malawi: Using Most Significant Change Stories to Understand Community Experiences." Report to USAID's Bureau of Food Security. MEASURE Evaluation Technical Report. July 2017.
- 17. **Angeles G**, Chakrabarti A\*, Handa S, Spektor G, Darko Osei R, Osei-Akoto I, de Groot R. "Livelihood Empowerment Against Poverty Program Endline Impact Evaluation report." Report to the Government of Ghana and UNICEF. August 2017.
- 18. Bhalla G\*, Handa S, **Angeles G**, Seidenfeld D. "The Effect of Cash Transfers and Household Vulnerability on Food Insecurity in Zimbabwe." Innocenti Working Papers no. 2016-22, UNICEF Office of Research, Florence. 2016.
- 19. Kilburn K\*, Handa S, **Angeles G**, Mvula P, Tsoka M. "Happiness and Alleviation of Income Poverty: Impacts of an unconditional cash transfer programme using a subjective well-being approach." Innocenti Working Papers no. 2016-23, UNICEF Office of Research, Florence. 2016.
- 20. Abdoulayi S, **Angeles G**, Barrington C, Brugh K\*, Handa S, Kilburn K\*, Molotsky A\*, Otchere F\*, Zietz S, Mvula P, Tsoka M, de Hoop J, Palermo T, Peterman A. "Impact of the Malawi Social Cash Transfer Programme on household resilience." Report to the Government of Malawi and UNICEF. August 2016.
- 21. Abdoulayi S, **Angeles G**, Barrington C, Brugh K\*, Kilburn K\*, Molotsky A\*, Otchere F\*, Zietz S, Mvula P, Tsoka M, de Hoop J, Handa S, Palermo T, Peterman A. "Malawi Social Cash Transfer Programme endline impact evaluation report." Report to the Government of Malawi and UNICEF. May 2016.
- 22. Handa S, de Hoop J, Palermo T, Osei-Akoto I, Adamba C, Darko J, Darko Osei R, Dompae F, Yaw N, Barrington C, Abdoulayi S, **Angeles G**, Chakrabarti A\*, Otchere F\*. "Ghana LEAP 1000 Programme: baseline evaluation report." Report to the Government of Ghana and UNICEF. April 2016.
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- 29. **Angeles G**, Hidalgo E, Molina-Cruz R, Taylor T, Urquieta-Salomon J, Calderon C, Fernandez J, Hidalgo M, Brugh K\*, Romero M. "Monitoring and Evaluation Survey for the Western Highlands Integrated Program Baseline 2013." Technical report to USAID/Guatemala. August 2014.
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- 32. **Angeles G**, Cronin C, Guilkey D, Lance P, Sullivan B. "A guide to longitudinal program impact evaluation for the MEASURE Evaluation project and the Urban Reproductive Health Initiative." Measurement, Learning and Evaluation of the Urban Reproductive Health Initiative and MEASURE Evaluation. March 2014.
- 33. Abdoulayi S, **Angeles G**, Barrington C, Brugh K\*, Hill M, Kilburn K\*, Otchere F\*, Zuskov D, Mvula P, Tsoka M, Handa S, Natali L. "Malawi Social Cash Transfer Program baseline evaluation report." Report to UNICEF and the Government of Malawi. July 2014.
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- 66. **Angeles G**, Dietrich J. Guilkey D, Mancini D. Mroz T, Tsui A, Zhang F. "A meta-analysis of the impact of family planning programs on fertility preferences, contraceptive method choice and fertility." MEASURE Evaluation Working Paper. February 2001.
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- 71. Wolowyna O, **Angeles G**, Newton E. "Health Resources Planning model (HRP): User's guide and software." Data for Decision Making Project. Harvard School of Public Health and Research Triangle Institute. 1993.
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- 75. **Angeles G**. "Inflaciones regionales: una aproximación econométrica." Thesis to obtain the degree of Bachiller in Social Sciences with major in Economics. Pontificia Universidad Católica del Perú. Lima, Perú. 1988.

# Manuscripts under review at a refereed journal (\* Student or mentee co-author)

- 1. Cartwright A, **Angeles G**, Wallace M, Su J, Curtis S, Speizer I. "Medicaid expansion and contraceptive use in United States neighborhoods of racialized socioeconomic deprivation and privilege." Submitted to Health Services Research, September 2023.
- 2. Khan S, Haider MM, Jamil K, Ahsan KZ, Siraj S, Iqbal A, **Angeles G**. "Double burden of malnutrition among Bangladeshi women: time to reassess national maternal and child health policy responses and programmatic approaches." Submitted to Health Policy and Planning, September 2023.
- 3. Cartwright A, Wallace M, Su J, Curtis S, Speizer I, **Angeles G**. "Neighborhood-level racialized socioeconomic deprivation and contraceptive use in the United States, 2011-2019." Revise and resubmit at Perspectives on Sexual and Reproductive Health, August 2023.
- 4. Lambon-Quayefio M\*, Peterman A, Handa S, Molotsky Adria, Otchere F, Mvula P, Tsoka M, De Hoop J, **Angeles G**, Kilburn K, Milazzo A. "Unconditional Cash Transfers and Safe Transitions To Adulthood In Malawi." Revise and resubmit at World Development, August 2023.

- 5. Ahsan KZ, **Angeles G**, Curtis S, Streatfield PK, Chakraborty N, Rahman M, Jamil K. "Stagnation of maternal mortality decline in Bangladesh between 2010 and 2016 in spite of an increase in health services utilization: Examining data from large cross-sectional surveys." Submitted to the Journal of Global Health, August 2023.
- 6. Banks M, Silverstein H, Kuper H, **Angeles G**. "The impact of the Malawi social cash transfer programme on financial well-being amongst people with and without disabilities: a disaggregated analysis of a cluster randomised control trial." Submitted to World Development, August 2023.
- 7. Singh K, **Angeles G**, Reyes HL, Simmons E\*, Swiatlo A\*, Weiss W. "Applying Group-Based Trajectory Modeling to Understand Under-5 Mortality Trends and Determinants in Low- and Lower-Middle-Income Countries." Revise and resubmit at Population Health Metrics. August 2023.
- 8. Silverstein H\*, **Angeles G**, Handa S, Singh K, Shanahan H. "Differences in Impacts of Cash Transfer Programs on Children Living in Households of People with and without Disabilities." Revise and resubmit at The Journal of International Development, January 2023.
- 9. Bhalla G, Handa S, **Angeles G**, Seidenfeld D. "Impact of an Unconditional Cash Transfer on Subjective Well-being and its Mediators." Revise and resubmit at Journal of Development Studies.

# **Manuscripts in Preparation (\*Student or mentee co-author)**

- 1. Djossou N\*, **Angeles G**, Ferrone L, Poggi C, Palermo T. "Gendered time use gaps and Ghana's LEAP 1000." Transfer Project research paper.
- 2. Silverstein S\*, Banks M, Kuper H, Angeles G. "Impact of the Malawi Social Cash Transfer on health and education amongst people with and without disabilities."
- 3. Silverstein H\*, Angeles G. "A review of cash transfer programs within the context of disability."
- 4. Ahsan KZ\*, **Angeles** G, Curtis S, Sing K, Handa S, Streatfield PK. "Socioeconomic equity in maternal health services use in Bangladesh: An analysis of socio-demographic and structural determinants during the period 2001–2016."
- 5. Handa S, Otchere F, **Angeles G**, Tsoka M, Mvula P on behalf of the Malawi SCTP Evaluation Team. "Cash transfers and long-term poverty reduction: Evidence from Malawi."
- 6. Bhalla G\*, Handa S, **Angeles G**. "Do cash transfers crowd out informal inter-household transfers? Evidence from Zimbabwe."
- 7. Kilburn K, Handa S, **Angeles G**. "Cash transfers and human capital accumulation: Causal evidence and mechanisms."
- 8. Ouili I, Ferrone L, Peterman A, Handa S, **Angeles G.** "Unconditional Cash Transfers and Multidimensional Child Poverty: Evidence from Malawi."

# RECENT INVITED PRESENTATIONS

- 1. **Angeles G** on behalf of the Transfer Project Evaluation Team. "The Transfer Project Some lessons on making evaluations useful for policy making." Presented at the 2019 Global Development Conference. Bonn, Germany. October 23, 2019.
- 2. **Angeles G**, Guilkey D, Mroz T. "The Effects of Education and Family Planning Programs on Fertility in Indonesia". Presented at the Panel on Empirical Evidence on the Links Between Contraception and Women's Choices in Low- and Middle-Income Countries, at the Third Annual Birdsall House Conference on Women. Center for Global Development. Washington DC. December 7, 2017.
- 3. **Angeles G**. "Three-year impact results from the Malawi Social Cash Transfer Programme." Presented at the Fifth Transfer Project Research Workshop: Evaluating National Integrated Cash Transfer Programs. Addis Ababa, Ethiopia. April 6-8, 2016.
- 4. **Angeles G**, Lamadrid-Figueroa H, Montoya-Rodriguez A. "Are we underestimating program impact because of measurement error in covariates?" Presented at the Institute for Health Metrics and Evaluation (IHME) of the University of Washington. Seattle, WA. June 3, 2015.

- 5. **Angeles G**. "Evaluation of USAID's Guatemala western highlands integrated program." Presented to the USAID/Bureau of Global Health's M&E Working Group. October 15, 2013.
- 6. **Angeles G.** "Evaluación de impacto de programas y Encuestas: Alcances, Métodos y Retos." Presented at the International Workshop on Reproductive Health Surveys, for National Survey Directors, organized by the Division of Reproductive Health, U.S. Centers for Disease Control and Prevention, and the National Institute of Public Health of Mexico. Mexico City, Mexico. May 20, 2011.
- 7. **Angeles G.** "Heterogeneous impact of the anti-poverty social program Oportunidades in rural areas of Mexico." Presented at the WHO/PAHO Collaborating Center on Aging and Health and The Sealy Center on Aging. University of Texas Medical Branch (UTMB). Galveston, TX. May 4, 2011.
- 8. **Angeles G.** "Heterogeneous impact of the social programme Oportunidades on contraceptive methods use by young adult women living in rural areas." Presented at the Closing the Evaluation GAP: 3ie one year on Are Conditional Cash Transfer Programs Improving Human Capital? Center for Global Development. Washington, DC. May 4, 2010.
- 9. **Angeles G.** "Evaluación de impacto, alcances, retos y métodos." Presented at the Seminario Aleatorio. Instituto Tecnológico Autónomo de México (ITAM). Mexico City, Mexico. April 2010.

#### RECENT CONFERENCE PRESENTATIONS AND POSTERS (\* Student or mentee co-author)

- 1. **Angeles G**, Handa A. "The Value of the Cash Transfer: Ghana LEAP and Malawi SCTP." Presented at 10<sup>th</sup> Transfer Project Workshop. June 21-23, 2023. Nairobi, Kenya.
- 2. Djossou GN\*, **Angeles G**, Ferrone L, Palermo T. "Effects of an unconditional cash transfer on gendered time allocation in Ghana." Presented at 10<sup>th</sup> Transfer Project Workshop. June 21-23, 2023. Nairobi, Kenya.
- 3. Maara J\*, **Angeles G**, Quinonez S, van Halsema V, Novignon J, Palermo T. "Impacts of cash transfer and "Cash Plus" programs on self-perceived stress in Africa: Evidence from Ghana, Malawi, and Tanzania." Presented at 10<sup>th</sup> Transfer Project Workshop. June 21-23, 2023. Nairobi, Kenya.
- 4. Otieno P\*, **Angeles G**, Cirillo C, Prencipe L, de Millano M, Lima S, Palermo T. "Health services availability and readiness moderate cash transfer impacts on health insurance enrolment: evidence from the LEAP 1000 cash transfer program in Ghana." Presented at 10<sup>th</sup> Transfer Project Workshop. June 21-23, 2023. Nairobi, Kenya.
- 5. Djossou G\*, Ferrone L, **Angeles G**, Palermo T. "The effects of an unconditional cash transfer on gendered time allocation in Ghana." Presented at Population Association of America 2022 Annual Meeting. Virtual Conference from Atlanta. April 7, 2022.
- 6. Bartels S\*, Galindo C, **Angeles G**, Barrington C. "Examining the Association Between Stigma and Mental Health Among Gay and Bisexual Men in Guatemala Who Use Pre-Exposure Prophylaxis (PrEP)." Presented at Population Association of America 2022 Annual Meeting. Virtual Conference from Atlanta. April 7, 2022.
- 7. Simmons E\*, **Angeles G**, Ongechi K, Weiss W. "Applying Group-Based Trajectory Modeling and Prediction Modeling to Understand Under-5 Mortality Trends and Determinants in Low and Middle-Income Countries." Presented at Population Association of America 2021Annual Meeting. Virtual Conference from St. Louis. May 6, 2021.
- 8. Silverstein H\*, **Angeles G**, Handa S, Tsoka M. "The disability-differential impact of the Malawi Social Cash Transfer Program on acute illness among children" presented at Sparks 4<sup>th</sup> Annual Conference, online, December 2-3, 2020.
- 9. Mussa E, Otchere F, Vinci V, Reshad A, Palermo T, **Angeles G**, Gavroliovic M, Valli E, others " Enrolment, linkages, and gaps in Ethiopian Community Based Health Insurance: a cross-sectional study" presented at Sparks 4<sup>th</sup> Annual Conference, online, December 2-3, 2020.
- 10. de Milliano M\*, Barrington C, **Angeles G**. "The Role of Coping Strategies and the Social Cash Transfer Program on Individual's Well-Being in Malawi" Poster presented at Association for Public Policy Analysis & Management (APPAM) Research Conference. Denver, Colorado. November 7-9, 2019.

#### Winner 1st Place Poster Award.

- 11. de Milliano M\*, Barrington C, Handa S, **Angeles G**. "Crowding-out or Crowding-in? Effects of LEAP 1000 Unconditional Cash Transfer Program on Household and Community Support among Women in Rural Ghana." Presented at Population Association of America 2019 Annual Meeting. Austin, TX. April13, 2019.
- 12. Curtis S, Rahman M, Chakraborty N, **Angeles G**. "What have we learned from 20 years of NGO family planning service delivery in Bangladesh?" Poster presented at the International Conference in Family Planning. Kigali, Rwanda. November 12-15, 2018.
- 13. **de Milliano M\***, Barrington C, Handa S, Angeles G. "Crowding-out or Crowding-in? the Effect of a Social Cash Transfer on Community Support in Ghana." Poster presentation at Association for Public Policy Analysis & Management (APPAM), Annual Fall Research Conference. Washington, DC. November 8-10, 2018.
- 14. **Angeles G**, Ahsan KZ\*, Streatfield PK, El Arifeen S, Jamil K. "The Role of Community Health Workers in Reducing Intra-city Urban Gaps in Reproductive Health: Evidence from the 2006 and 2013 Bangladesh Urban Health Surveys." Oral presentation at the 14<sup>th</sup> International Conference on Urban Health. Coimbra, Portugal. September 26-29, 2017.
- 15. Agarwal S\*, Curtis S, **Angeles G**, Speizer I, Singh K, Thomas J. "The Impact of India's Accredited Social Health Activist (ASHA) Programme on the Utilization of Maternity Services." Poster P6-47 presented at Population Association of America 2017 Annual Meeting. Poster Session: Fertility, Family Planning, Sexual Behavior, and Reproductive Health 2. Chicago, IL. April 27-29, 2017.
- 16. **Angeles G**. "Three-year impact results from the Malawi Social Cash Transfer Programme." Oral presentation at the Fifth Transfer Project Research Workshop: Evaluating National Integrated Cash Transfer Programs. Session 6: Country case studies. Addis Ababa, Ethiopia. April 6-8, 2016.
- 17. Brugh KN\*, **Angeles G**, Handa S. "The impact of an unconditional cash transfer on child health: A production function approach." Oral presentation at Population Association of America 2016 Annual Meeting. Session: Child Health in an International Context. Washington, DC. March 31-April 2, 2016.
- 18. Kilburn K\*, Handa A, **Angeles G**. "Well-being and income poverty: Impacts of an unconditional cash transfer program using a subjective approach." Oral presentation at Population Association of America 2016 Annual Meeting. Session: International perspectives on families, health and well-being. Washington, DC. March 31-April 2, 2016.
- 19. Brugh, KN\*, **Angeles G**, Mvula P, Tsoka M. "Impacts of an unconditional cash transfer on household food and nutrition security in Malawi." Oral presentation at Association for Public Policy Analysis & Management (APPAM) 37th Annual Fall Research Conference. Session: Giving Cash to the Poor? Impacts of Africa's Unconditional Cash Transfers. Miami, FL. November 12-14, 2015.
- 20. Bhalla G\*, Handa S, **Angeles G**. "Ability of household food insecurity measures to capture resiliency and vulnerability: Evidence from a cash transfer program in Zimbabwe." Oral presentation at Association for Public Policy Analysis & Management (APPAM) 37th Annual Fall Research Conference. Session: Giving Cash to the Poor? Impacts of Africa's Unconditional Cash Transfers. Miami, FL. November 12-14, 2015.
- 21. Curtis S, **Angeles G**, Spencer J. "Measurement issues for surveys for monitoring and evaluating health interventions and outcomes in urban areas." Oral presentation at the 12<sup>th</sup> International Conference on Urban Health (ICUH) 2015. Plenary Session Five. Dhaka, Bangladesh. May 26, 2015.
- 22. **Angeles G**. "Strengths, barriers and strategies for research capacity building." Oral presentation at the strengthening tobacco control research session at the 4th Latin American Conference on Tobacco or Health. San Jose, Costa Rica. March 26, 2014.
- 23. Téllez M, Manrique B, Moreno K, De la Cruz V, **Angeles G**, Salinas A. "Heterogeneous impact of the non-contributory pension programme 70 y más on nutritional status of the elderly in rural Mexico." The Lancet 2013 June; 381: S143.
- 24. Téllez-Rojo M, Manrique-Espinoza B, Moreno-Tamayo K, De la Cruz-Gongora V, **Angeles G**, Salinas-Rodriguez A. "Heterogeneous impact of the non-contributory social pension program 70 y más on

- nutritional status of the elderly in rural Mexico." Poster at the Global Health Metrics and Evaluation (GHME) Conference. Seattle, WA. Winner of Best Poster. June 2013.
- 25. **Angeles G**, Téllez-Rojo M, Manrique-Espinoza B, Torres-Pereda P, Salinas-Rodriguez A. "Impact evaluation of the non-contributory social pension program 70 y más on mental health." Oral presentation at the 2011 International Conference on Impact Evaluation Mind the Gap: From Evidence to Policy Impact. Cuernavaca, Mexico. June 17, 2011.
- 26. Lamadrid-Figueroa H, **Angeles G**, Trejo-Valdivia B, Rueda-Hernandez G, Urquieta-Salomon J, Tellez-Rojo MM. "Impact of the people's health insurance (*Seguro Popular de Salud*) programme on the use of early cervical cáncer detection methods in Mexico." Oral presentation at the 2011 International Conference on Impact Evaluation Mind the Gap: From Evidence to Policy Impact. Cuernavaca, Mexico. June 17, 2011.
- 27. **Angeles G**, Gutierrez JP, Alarid F. "Health outcomes of the mid-term evaluation of Oportunidades." Oral presentation at the 2011 International Conference on Impact Evaluation Mind the Gap: From Evidence to Policy Impact. Cuernavaca, Mexico. June 16, 2011.
- 28. Hattori A\*, Lance P **Angeles G**. "The effect of female education on adolescent reproductive health in Bangladesh." Oral presentation at the 2011 Population Association of America Annual Meeting. Washington, DC. April 2, 2011.
- 29. **Angeles G.** "ENSANUT 2011-2012: Alcances y objetivos." Oral presentation at the Simposium "Encuesta Nacional de Salud y Nutrición 2011: Fuente de información para la toma de decisiones," at the 14vo. Congreso de Investigación en Salud Pública. Cuernavaca, México. March 4, 2011.
- 30. Irani L\*, Speizer IS, Lance P, **Angeles G.** "Impact of socioeconomic status and place of residence on type of contraceptive method use among urban women in Bangladesh." Oral presentation at the 138th APHA Annual Meeting. Denver, CO. November 6-10, 2010.
- 31. **Angeles G**, Urquieta J, Hernandez B, Téllez-Rojo M, Cruz A. "Building capacity on program evaluation in Latin America: The experience of the partnership between Mexico's National Institute of Public Health (INSP) and the MEASURE Evaluation Project." Oral presentation at Perspectives on Impact Evaluation: Approaches to Assessing Development Effectiveness. Cairo, Egypt. April 1, 2009.
- 32. Lamadrid-Figueroa H, **Angeles G**, Mroz T, Urquieta J, Cruz A, Téllez-Rojo MM. "Heterogeneous impact of the social program Oportunidades on contraceptive methods use in young adult women living in rural areas: Limitations of the regression discontinuity approach." Oral presentation at Perspectives on Impact Evaluation: Approaches to Assessing Development Effectiveness. Cairo, Egypt. April 1, 2009.

#### TEACHING AND ADVISING ACTIVITIES

#### Courses taught at UNC

MHCH 862 (001) Program Impact Evaluation

Analytic skills doctoral course on the theory and practice of program impact evaluation. Topics: The impact evaluation question; issues to consider when evaluating program impact: finding a proxy for the counterfactual; confounding, selectivity, spillovers, contamination, heterogeneous effects, statistical power, and sample size; external validity; research designs: experimental designs, difference-in-differences models, matching methods, instrumental variables, regression discontinuity analysis, and sample selection models. Preparation of an impact evaluation proposal.

Taught every Spring semester 2004-2009 and 2012-2023.

#### Guest Lecturer (last 10 years)

February 2020	EPID 827: Social Epidemiology – Design and Interpretation. Evaluating the Impact of a
	Program: Difference-in-Differences Models.
March 2019	EPID 827: Social Epidemiology – Design and Interpretation. Evaluating the Impact of a Program: Difference-in-Differences Models.
March 2018	EPID 827: Social Epidemiology – Design and Interpretation. Evaluating the Impact of a

	Program, Challenges and Methods: Difference-in-Differences Models.
October 2016	MHCH 801: MCH Doctoral Seminar. Impact evaluation and cash transfer programs.
September 2014	MHCH 801: MCH Doctoral Seminar. Program impact evaluation.
November 2013	MHCH 801: MCH Doctoral Seminar. Evaluation of USAID/Guatemala's Western Highlands integrated program – Evaluation design.
February 2013	HPM 885/MHCH 740b: Health Services/Health Policy Research Methods II. Non-experimental evaluation designs.
February 2012	HPM 885/MHCH 740b: Health Services/Health Policy Research Methods II. Non-experimental designs.
April 2009	MHCH 802: MCH Doctoral Seminar, Impact evaluation.

## Courses taught at the National Institute of Public Health of Mexico

Feb-July 2011 ES26: Estadística Matemática IV: Métodos cuantitativos para la evaluación de impacto.

Sept 2010 - Feb 2011 ES14: Estadística Matemática II.

# Faculty Associate to Fulbright Visiting Scholar

2006-2017. Dr. Bernardo Hernandez Prado, faculty at Mexico's National Institute of Public Health. Recipient of a Fulbright Scholar Program Grant to support him as Visiting Scholar at the Carolina Population Center.

#### **PhD Dissertation Committee Service**

2022	Hannah Silverstein (MCH, Chair); Alice Cartwright (MCH); Elizabeth Simmons (MCH);
	Alexandria Coffey (MCH); Chelsea Ducille (MCH); Ting Chen (MCH, PhD mentor);
	Paul Sirma (Public Policy); Marwa Ibrahim (Public Policy)
2021	Karar Zunaid Ahsan (MCH, Chair)
2020	David Dirk (Health Behavior); Marlous di Milliano (Public Policy)
2019	Timothy Kim (MCH); Averi Chakrabarti (Public Policy)
2018	Frank Otchere (Public Policy); Adria Molotsky (Public Policy)
2017	Smisha Kaysin (MCH); Aleksandra Jakubowski (Health Policy and Management); Samuel Sellers
	(Environment and Ecology); Garima Bhalla (Public Policy)
2016	Kristen Brugh (MCH, Chair); Shoshana Goldberg (MCH); Kelly Kilburn (Public Policy);
2015	Shane Khan (MCH)
2013	Mike Park (Public Policy)
2012	Martha Priedeman Skiles (MCH)
2011	Aiko Hattori (MCH)

2010 Emily Evens (MCH)

Alpna Agrawal (MCH); Amber Peterman (Public Policy) 2009

2008 Emily Bobrow (MCH)

2007 Ray Farkouh (Economics); Misha Bontch-Osmolovski (Economics)

# **Preceptor for Carolina Population Center Pre-Doctoral Trainees**

2020-2023	Sophia Bartels. Health Behavior student; with Clare Barrington
2004-2007	Emily Bobrow. MCH Doctoral student
2004-2005	Suja Rajan. Health Policy and Management

# Main advisor and reader for Master's students, MCH Department

2023	Salma Ali, Anjali Rao, Poonam Rawat, Sauma Doka (GH), Caroline Schumacher (GH),
	Kham Piang (GH)
2022	T1 M'11 " (CII) M' 1 1 N D D 1 C 1 M' C D 1 (CII)

Thomas Millett (GH), Misbah Noor, Renee Pond, Salma Ali, Sauma Doka (GH) 2022

2021 Thomas Millett (GH), Misbah Noor, Renee Pond, Salma Ali, Sauma Doka (GH)

2020 Krista Scheffey, Michelle Matusinski, Aditi Kamat (GH), Maureen Opara 2019 Hannah Potter 2018 Raney Lee 2017 Kristina Caltabiano, Michela Garrison Rosemary Byrnes, Nicole Carbone, Liz Millar 2016 2015 Joanna Davis 2014 Eva Fernandez Courtney Latta 2013 2012 Aileen Beckman Brett Nishikawa, Elizabeth Aronin, Elizabeth Patton 2008 2007 Rebecca Giguere, Justin S. White (Health Policy and Administration) 2006 Amanda Koch 2005 Anupa Deshpande, Sarah Harlan, Godwin Ugoeke; Sarah Covington 2004 Rodolfo Gomez Ponce de León, Emily Evens, Erica Nybro, Katrina Rapa. Thesis Committee Member at Mexico's National Institute of Public Health, 2005-2015 2017 Mauricio Hernandez Fernandez (Doctorate) 2016 Jimena Fritz (Doctorate) Carmelita Ventura Alfaro 2014 2011 Claudia Olivia Martinez Ocampo 2009 Eduardo Ortiz Hector Lamadrid-Figueroa (Doctorate) 2008 2007 Patricia Mallma Salazar, Maria del Carmen Arroyo Quiroz 2006 Cecilia Montes Jave External Thesis Advisor at Institute of Population and Social Research, Mahidol University, Thailand, 2006 Sujeeta Shakya **CONTRACTS AND GRANTS Grants at UNC: Current:** 2022-2025 Piloting a multi-level intervention to promote viral suppression among women living with HIV NIH; Investigator (PI: Barrington). \$270,547 Strengthening Surveillance, Monitoring, and Evaluation for Malaria Control and Elimination. 2019-2024 USAID; Principal Investigator \$39,188,160 2021-2024 The Transfer Project: Improving evidence-based decision-making in sub-Saharan Africa Hewlett Foundation; Co-Principal Investigator with A. Handa \$1,000,000 2019-2024 The effect of poverty, stress, and immune function on health across the life-course National Institute on Aging, NIH, DHHS; Investigator (PI: Handa) \$1,992,000 2019-2024 MCC Monitoring and Evaluation Blanket Purchase Agreement Millennium Challenge Corporation (MCC); Principal Investigator Data for Impact (D4I) associate award project 2018-2024 USAID: Investigator (PI: Curtis) \$40,891,000

Specific projects implemented within the D4I project with role of Lead/Principal Investigator:

2020-2023 Malawi Secondary School Expansion for Development (SEED) project impact evaluation \$1,456,000

2020-2023	Assessing the effect of COVID-19 on the utilization of basic health services \$287,750
2022-2023	Female mortality in LMICs synthetic control analysis \$146,219
Completed:	
2021-2022	Longitudinal evaluation of Malawi's Social Cash Transfer Program UNICEF; Investigator (PI: Handa) \$465,000
2021-2022	Ghana LEAP Integrated Social Services impact evaluation University of Ghana; Investigator (PI: Handa) \$55,407
2017-2021	Supporting Evidence-based Policy Making in Sub-Saharan Africa through the Transfer Project Hewlett Foundation; Lead Principal Investigator with A. Handa \$690,000
2019-2021	Supporting Evidence-based Policy Making in Sub-Saharan Africa through the Transfer Project. Supplemental Hewlett Foundation; Co-Principal Investigator with A. Handa \$70,000
2019-2021	Evaluating government reform using a case-control approach Centre of Excellence for Development Impact and Learning; Investigator (PI: Handa) \$561,313
2019-2020	Evaluability Assessment of Integrated Safety Net Programme in Urban Ethiopia (UISNP) UNICEF; Principal Investigator \$31,035
2017-2019	In search of the Holy Grail: The long-term effects of an unconditional cash transfer program International Initiative for Impact Evaluation (3IE); Investigator (PI: Handa) \$400,000
2016-2020	Providing expert consultation to UNICEF on feasibility, design and implementation of rigorous impact evaluations. Long-term Agreement with UNICEF. Pre-selected for providing evaluation and research services to UNICEF offices UNICEF; Co-Principal Investigator with A. Handa Long-term agreement
2015-2018	Evaluating the LEAP 1000 Program in Ghana: Integrating qualitative and quantitative methods to understand processes and mechanisms of impact UNICEF; Investigator (PI: Barrington) \$324,988
2014-2019	MEASURE Evaluation Phase IV. Leader with Associates Cooperative Agreement between USAID and the Carolina Population Center USAID; Investigator and Senior Evaluation Advisor (PI: Thomas) \$179,858,394
2017-2018	Linking cash to other services for better child-sensitive social protection: Supporting evaluability assessment and study design for the impact evaluation of Ethiopia's Urban Productive Safety Net Programme (UPSNP) UNICEF; Principal Investigator \$29,162
2016-2017	LEAP Impact Evaluation: Third Wave to Determine Long-Term Impacts of LEAP UNICEF; Principal Investigator \$49,077
2015-2016	Impact Evaluation on the Effect of the Malawi Social Cash Transfer Programme UNICEF; Principal Investigator

	\$250,000
2012-2017	The Growth and Protection Impacts of Zimbabwe's Social Cash Transfer Program International Initiative for Impact Evaluation (3ie); Investigator (PI: Handa) \$668,501
2012-2016	Economic Growth and Risk Reduction in Malawi's Social Cash Transfer Scheme International Initiative for Impact Evaluation (3ie); Investigator (PI: Handa) \$660,100
2012-2017	Monitoring and Evaluation for Feed the Future Feedback Program Westat, Inc. with USAID funds; Investigator (PI: Curtis) \$2,482,977
2008-2014	MEASURE Phase III Monitoring and Assessment for Results. Leader with Associates Cooperative Agreement between the USAID and the Carolina Population Center USAID; Co-Principal Investigator and Deputy Director, until Jan 2010 (PI: Curtis) \$181,000,000
2007-2009	Global Health Monitoring and Evaluation Task Order USAID, Contract between John Snow, Inc. and the CPC Investigator and Deputy Director, until Jan 2010 (PI: Curtis) \$21,454,714
2003-2009	MEASURE Evaluation Project - Phase II USAID; Co-Principal Investigator and Deputy Director (PI: Curtis) \$89,225,000
1997-2003	The MEASURE <i>Evaluation</i> Project USAID; Co-Investigator, and Deputy Director since 2000 (PI: Curtis) \$47,372,000
Projects imp 2006-2007	elemented within MEASURE Evaluation - Phase II with role of Lead/Principal Investigator: Evaluation of the Impact of the Opportunities Program on Youth Pregnancy and Use of Family Planning Methods. MEASURE Evaluation's Secondary Analysis Research Program (awarded by competition) USAID; Principal Investigator \$62,500
2005-2007	2005 Census and Mapping of Slums of Bangladesh. In collaboration with Bangladesh's National Institute of Population research and Training (NIPORT), the Centre for Urban Studies (CUS), and USAID/Bangladesh USAID; Principal Investigator \$310,000
2005-2008	2006 Bangladesh Urban Health Survey (UHS). In collaboration with Bangladesh's National Institute for Population Research and Training (NIPORT); ICDDR, B; Associates for Community and Population Research, researchers from University of Dhaka, and USAID/Bangladesh USAID; Principal Investigator \$900,000
2004-2006	Evaluation of Bangladesh's NGO Service Delivery Program (NSDP) – 2005 Evaluation Surveys. In collaboration with NSDP, Associates for Community and Population Research, Mitra and Associates, and USAID/Bangladesh USAID; Principal Investigator \$1,200,000
2004-2004	Evaluating the Performance of Principal Components for Obtaining SES Measures USAID; Principal Investigator \$26,267
2003-2006	Analysis of Health Services Utilization and Expenditures in Ecuador – 2004 National Demographic and Maternal Health Survey (ENDEMAIN). In collaboration with CDC/Division of Reproductive

Health, USAID/Ecuador, the Inter-American Development Bank and CEPAR (an Ecuadorian

	research NGO) USAID; Principal Investigator \$614,000
2003-2006	Benefit Incidence Analysis of Ecuador's Public Expenditures in Health. In collaboration with Government of Ecuador's Technical Secretariat for the Social Front; USAID/Ecuador; and a researcher from University of Central Florida at Orlando USAID; Principal Investigator \$250,000
2003- 2009	MEASURE Evaluation Phase II – Training & Capacity Building (T&CB) Portfolio USAID; Principal Investigator \$6,379,896
	olemented within MEASURE <i>Evaluation</i> with role of Lead/Principal Investigator, USAID funding: Collaboration with East-West Center for regional workshop on impact evaluation of PHN programs USAID; Principal Investigator \$79,582
2002-2003	Assessment of cost-effectiveness data-Tanzania USAID; Principal Investigator \$46,375
2000-2004	Evaluation of Bangladesh's National Integrated Population and Health Program (NIPHP) and NGO Service Delivery Program (NSDP) – 2001 and 2003 Evaluation Surveys.  USAID; Principal Investigator \$1,527,958
1999-2003	Collaboration with Thailand's Mahidol University Institute for Population and Social Research (IPSR) for regional workshops on M&E of PHN programs USAID; Principal Investigator \$97,779
1999-2003	Collaboration with University of Costa Rica for regional workshops on impact evaluation of PHN programs USAID; Principal Investigator \$160,239
1999-2004	Collaboration with Uganda's Makerere University for regional workshops on M&E of PHN programs USAID;Principal Investigator \$514,774
1999-2004	Evaluation of USAID/Nicaragua's Post-Hurricane Mitch Reconstruction Program USAID; Principal Investigator \$886,815
1999-2004	Support to Master-Degree Program with concentration in M&E at University of Pretoria's School of Health Systems and Public Health in South Africa USAID; Principal Investigator \$405,458
1998-2002	Female education and fertility and mortality in Indonesia USAID; Principal Investigator \$231,305
1998-2003	Evaluation of Paraguay's decentralization of health services USAID; Principal Investigator \$644,284
1998-2004	Support to Master-Degree Program with concentration in M&E at Mahidol University's Institute for Population and Social Research (IPSR) in Thailand USAID; Principal Investigator

\$638,260

1997-2003 Facility Survey Working Group

USAID; Principal Investigator

\$149,234

1997-2004 Support to Master-Degree Program with concentration in M&E at the University of Costa Rica

USAID; Principal Investigator

\$475,869

#### **Grants at INSP-Mexico**

2011-2011 Reproductive Health Survey Training, for a 2-week training workshop for national directors of population and health national surveys in the Central and South American regions International Union for Health Promotion and Education (IUHPE); Principal Investigator US\$167,752

2011-2011 "Mind the Gap: from Evidence to Policy Impact" international conference on impact evaluation in

Cuernavaca, Mexico, on June 2011

3ie; Principal Investigator

US\$413,722

2010-2010 Encuesta Nacional sobre la percepción de la Discapacidad en la Población Mexicana

Mexico's Consejo Nacional para las Personas con Discapacidad; Principal Investigator

\$9,374,034 Mexican pesos (aprox. US\$815,133)

# **SERVICE TO THE PROFESSION**

International	OBINITION TO THIS TROT BOOTO.
Jan-Feb 2023	Grant proposal reviewer for the Social Sciences and Humanities Research Council of Canada
Jan-Feb 2023	Grant proposal reviewer for the United Kingdom's Medical Research Council
Dec 2019-2020	Temporary Advisor, Scientific and Technical Advisory Group (STAG), Department of Reproductive Health and Research, WHO
Apr 2, 2019	Session Chair, Session 4: Cash transfers & long-run human development: Emerging evidence from Latin America. Seventh Transfer Project Workshop: Social Protection, Cash Transfers & Long-Term Poverty Reduction. Arusha, Tanzania.
Jan-Feb 2019	Proposal Reviewer for United Kingdom's Medical Research Council.
Oct-Nov 2017	Proposal Reviewer for United Kingdom's Medical Research Council.
Jun 9, 2017	Session Chair, Session 12: Innovative work and unpacking pathways. Sixth Transfer Project Research Workshop: The State of Evidence on Social Cash Transfers in Africa and Beyond. Dakar, Senegal.
Jun 2013-Dec 2017	External Reviewer for the International Initiative for Impact Evaluation (3ie)'s Replication Programme.
Mar 2015	Member, Development of Evaluation Standards Working Group. Latin American and Caribbean Evaluation Network (ReLAC).
Apr-May 2013	External Scorer for the 3ie's Second Replication Window.
Aug-Sep 2012	Expert Reviewer for 3ie's Open Window 4 grant program.
2010-2015	External Project Advisor for the 3ie.
Jan-Feb 2012	External Reviewer, Social Protection Thematic Window (SPTW) grant program, 3ie.
May 2010-Jun 2011	Main Organizer and Conference Steering Committee Member. 2011 International Conference on Impact Evaluation - Mind the Gap: From Evidence to Policy Impact. Cosponsored by National Institute of Public Health of Mexico, International Initiative for Impact Evaluation (3ie), Inter-American Development Bank, and CEDLAS. Cuernavaca.

Mexico. June 15-17, 2011.

Jun 2011 Session Chair, Do conditional cash transfers work in urban areas? Lessons from

Oportunidades. 2011 International Conference on Impact Evaluation - Mind the Gap:

From Evidence to Policy Impact. Cuernavaca, Mexico. June 16, 2011.

Mar 2011 Session Chair, Evaluación de programas y políticas: los retos pendientes. 14º. Congreso

de Investigación en Salud Pública. Cuernavaca, México. March 3, 2011.

Aug-Sep 2010 Expert Reviewer for 3ie's Open Window 3 grant program.

2010 Reviewer, Bill and Melinda Gates Foundation.

Apr-Dec 2009 Member of Working Group on Impact Evaluation, Monitoring, and Information Systems

of the Iniciativa Mesoamericana de Salud (IMS), a large health program to be

implemented in Central America and Southern Mexico.

Dec 2009 Expert Reviewer for the second round of 3ie's Open Window (OW2), International

Initiative for Impact Evaluation (3ie).

Apr-May 2009 Expert Review Panel for the first round of 3ie's Open Window (OW1), International

Initiative for Impact Evaluation (3ie).

Apr 2009 Session Chair, Child Health and Development. Conference on Perspectives on Impact

Evaluation: Approaches to Assessing Development Effectiveness. Cairo, Egypt. April 1,

2009.

Nov-Dec 2005 Reviewer of the proposal to evaluate Mexico Government's National Crusade for the

Quality of Health Services program, prepared by the National Institute of Public Health of

Mexico.

2004 Reviewer of reports prepared by the National Institute of Public Health on the impact of

the Mexican Government Human Development Oportunidades Program.

2004-2006 Member of the Technical Steering Committee for the 2005 Bangladesh Urban and Slums

Health Survey. Dhaka, Bangladesh.

1999 Member of the Commercial Market Strategies Project (CMS) Research Technical

Advisory Group.

National (U.S.)

Mar-Nov 2012 Member of the Evidence Review Team on Conditional Cash Transfers Programs for

the U.S. Government Evidence Summit on Enhancing Provision and Use of Maternal

Health Services through Financial Incentives.

May 2003 Discussant at the Population Association of America 2003 Annual Meetings. Session:

New Research in Reproductive Health. Session Chair: Amy O. Tsui. May 2, 2003

Apr 1998 Discussant at the Population Association of America 1998 Annual Meeting. Session:

Evaluating the Effects of Mass Media on Contraception and Reproductive Health. Session

Chair: Mark Montgomery. April 2, 1998.

**Carolina Population Center** 

2011-2016 CPC Training Committee, 2011-2016, member

2009 CPC Advisory Council, member

Gillings School of Global Public Health

2019-2023 MPH Global Health Concentration Admissions Committee, member 2020 Special COVID-19 Gillings Innovation Laboratory (GIL) RFP, reviewer

2008 Gillings Innovation Labs RFP, reviewer

**Maternal and Child Health Departmental Committees** 

Faculty Search Committee, member

2018-2021 Awards Committee, Chair

2017-2018	Awards Committee, member
2007-2009	Doctoral Committee, member
2004-2007	Administrative Advisory Committee, member

# Reviewer for peer-reviewed journals

BMC Health Services; Journal of Behavioral and Experimental Economics; Wellcome Open research; PLOS One; Health Policy and Planning; Health and Place; Journal of Interpersonal Violence; Journal of Development Studies; Human Resources for Health; Population Studies; Journal of African Economies; BMC Public health; Economic Development and Cultural Change; *Salud Pública de México;* Population Studies; Journal of Human Resources; Journal of Population Economics; Demography; World Development; Studies in Family Planning; Social Science & Medicine; Journal of the Royal Statistical Society; International Family Planning Perspectives; International Journal of Health Geographics; International Journal of Public Health; International Journal of Public Policy

#### **PROFESSIONAL PRACTICE**

#### **Workshops and Capacity Building**

- Impact Evaluation Retooling Workshop for Researchers and Teaching Faculty from sub-Saharan Africa. Coordinator and Instructor. Co-sponsored by the African Economic Research Consortium (AERC) and the Transfer Project. 43 participants. Nairobi, Kenya. July 10-21, 2023.
- 2023 Workshop on Effective Coverage of Health Services. Instructor. For the International Centre for Diarrheal Disease Research, Bangladesh (icddr,b) and D4I. 19 participants. Dhaka, Bangladesh. May 14 – 16, 2023.
- 2022 Understanding the Bangladesh Health Facility Survey, mapping and merging with the Bangladesh Demographic and Health Survey. Instructor. For the International Centre for Diarrheal Disease Research, Bangladesh (icddr,b) and D4I. 14 participants. Dhaka, Bangladesh. December 4 8, 2022.
- International Workshop on Impact Evaluation of Population, Health, and Nutrition Programs. GEMNet-Health and University of Ghana. 21 participants. Accra, Ghana. November 7-18, 2022.
- Introduction to Longitudinal Data Analysis. Instructor. For the International Centre for Diarrheal Disease Research, Bangladesh (icddr,b) and D4I. 16 participants. Dhaka, Bangladesh. July 31-August 4, 2022.
- Workshop on Understanding the Bangladesh Demographic and Health Survey. Instructor. For the International Centre for Diarrheal Disease Research, Bangladesh (icddr,b) and D4I. 18 participants. Dhaka, Bangladesh. May 8-12, 2022.
- International Workshop on Impact Evaluation of Population, Health and Nutrition Programs. Invited instructor for three sessions. GEMNet-Health. 19 participants. Accra, Ghana. Remote participation. March 28-April 1, 2022.
- Workshop on Impact Evaluation of Population, Health and Nutrition Programs. Instructor. For the National Institutes of Health of Malaysia. GEMNet-Health. 21 participants. Kuala Lumpur, Malaysia. January 6-17, 2020.
- 2019 International Workshop on Impact Evaluation of Population, Health and Nutrition Programs. Instructor. Co-sponsored by GEMNet-Health and the University of Ghana. 28 participants. Accra, Ghana. August 5-16, 2019.
- 2019 Technical Workshop on Impact Evaluation Methods. Coordinator and Instructor. Co-sponsored by African Economic Research Consortium (AERC) and the Transfer Project. 24 participants. Nairobi, Kenya. June 24-July 5, 2019.
- International Workshop on Impact Evaluation of Population, Health and Nutrition Programs. Coordinator and Instructor. Co-sponsored by the Institute for Population and Social Research, Mahidol University, GEMNet-Health, and MEASURE Evaluation. 22 participants. Bangkok, Thailand. October 1-12, 2018.
- 2017 Workshop on Impact Evaluation of Population, Health and Nutrition Programs. Instructor. Sponsored by

- the Center for Evaluation Research and Surveys of Mexico's National Institute of Public Health. 14 participants. Cuernavaca, México. August 28 September 8, 2017.
- International Workshop on Impact Evaluation of Population, Health and Nutrition Programs.

  Coordinator and Instructor. Co-sponsored by the Addis Continental Institute of Public Health, GEMNet-Health, and MEASURE Evaluation. 21 participants. Addis Ababa, Ethiopia. July 24 August 4, 2017.
- Workshop on Impact Evaluation of Population, Health and Nutrition Programs. Instructor. Sponsored by the Center for Evaluation Research and Surveys of Mexico's National Institute of Public Health. 12 participants. Cuernavaca, México. September 5-15, 2016.
- 2016 International Workshop on Impact Evaluation of Population, Health and Nutrition Programs. Coordinator and Instructor. Co-sponsored by the University of Ghana-School of Public Health, GEMNet-Health, and MEASURE Evaluation. 22 participants. Accra, Ghana. July 18-29, 2016.
- Training of Trainers (TOT) Workshop on Program Impact Evaluation. Instructor. Co-sponsored by the University of Ghana, GemNet-Health, and MEASURE Evaluation. 15 participants. Accra, Ghana. May 2-6, 2016.
- Workshop on Impact Evaluation of Population, Health and Nutrition Programs. Instructor. Co-sponsored by the Center for Evaluation Research and Surveys of Mexico's National Institute of Public Health and MEASURE Evaluation. 24 participants. Cuernavaca, México. August 31-September 11, 2015.
- International Workshop on Impact Evaluation of Population, Health and Nutrition Programs. Coordinator and Instructor. Co-sponsored by the Public Health Foundation of India (PHFI), GEMNet-Health, and MEASURE Evaluation. 23 participants. New Delhi, India. July 20-31, 2015.
- Workshop on Impact Evaluation of Population, Health and Nutrition Programs. Instructor. At the IV Conference of the Latin American and Caribbean Evaluation Network. Lima, Peru. March 10, 2015.
- Workshop on Impact Evaluation of Population, Health and Nutrition Programs. Instructor. Co-sponsored by the Center for Evaluation Research and Surveys of Mexico's National Institute of Public Health and MEASURE Evaluation. 18 participants. Cuernavaca, México. September 8-19, 2014.
- 2014 Regional Workshop on Impact Evaluation of Health and HIV/AIDS Programs. Coordinator and Instructor. Co-sponsored by the University of Pretoria's School of Health Systems and Public Health, Public Health Foundation of India, and MEASURE Evaluation. Pretoria, South Africa. July 21-August 1, 2014.
- Workshop on Impact Evaluation of Population, Health and Nutrition Programs. Coordinator and Instructor. Co-sponsored by the Government of Nepal, USAID/Nepal, and MEASURE Evaluation. 19 participants. Nagarkot, Nepal. May 26-June 6, 2014.
- Workshop on Impact Evaluation of Population, Health and Nutrition Programs. Coordinator and Instructor. Co-sponsored by the International Centre for Diarrheal Disease, Bangladesh (icddr,b), the TRAction project, and MEASURE Evaluation. 14 participants. Dhaka, Bangladesh. October 30-November 7, 2013.
- Workshop on Impact Evaluation of Population, Health and Nutrition Programs. Coordinator and Instructor. Co-sponsored by the Center for Evaluation Research and Surveys of Mexico's National Institute of Public Health and MEASURE Evaluation. 20 participants. Cuernavaca, México. July 22-August 2, 2013.
- 2013 Regional Workshop on Impact Evaluation of Health and HIV/AIDS Programs. Coordinator and Instructor. Co-sponsored by the University of Pretoria's School of Health Systems and Public Health, MEASURE Evaluation. 22 participants. Pretoria, South Africa. May 13-24, 2013.
- 2013 Regional Workshop on Impact Evaluation of Population, Health and Nutrition Programs. Coordinator and Instructor. Co-sponsored by the Public Health Foundation of India (PHFI), MEASURE Evaluation, and the Measurement, Learning and Evaluation Project. 20 participants. New Delhi, India. March 18-29, 2013.
- 2012 Workshop on Impact Evaluation of Population, Health and Nutrition Programs. Coordinator and

- Instructor. Co-sponsored by the 17<sup>th</sup> Summer Institute of Mexico's National Institute of Public Health and MEASURE Evaluation. 27 participants. Cuernavaca, México. July 23-August 4, 2012.
- Workshop on Impact Evaluation of Population, Health and Nutrition Programs. University of Pretoria and MEASURE Evaluation. 18 participants. Pretoria, South Africa. May 21-June 1, 2012.
- Workshop on Impact Evaluation of Population, Health and Nutrition Programs. Coordinator and Instructor. Co-sponsored by the 16<sup>th</sup> Summer Institute of Mexico's National Institute of Public Health and MEASURE Evaluation. 25 participants. Cuernavaca, México. July 4-15, 2011.
- Training in Impact Evaluation Methodologies for the Health Sector. Facilitator and Instructor. Preconference Clinic number 4. 2011 International Conference on Impact Evaluation Mind the Gap: From Evidence to Policy Impact. INSP, IADB, 3ie, and CEDLAS. Cuernavaca, Mexico. June 16, 2011.
- 2011 Sessions on Multi-level Analysis and Longitudinal Data Methods of the Workshop on Designing Fertility Analyses in the Context of Low fertility. 42<sup>nd</sup> Summer Seminar on Population. East-West Center. 6 hours. Honolulu, HI. June 9-10, 2011.
- Training of Trainers Workshop on Impact Evaluation Methods. Coordinator and Instructor. Cosponsored by the School of Health Systems and Public Health of the University of Pretoria and MEASURE Evaluation. 40 hours. Pretoria, South Africa. April 11-15, 2011.
- Impact Evaluation Workshop for the Caribbean Region: Assessing the effectiveness of HIV AIDS Programs. Co-Coordinator and Instructor. Montego Bay, Jamaica. 40 hours. February 7-1 1, 2011.
- 2010 Workshop on Impact Evaluation of Population, Health and Nutrition Programs. Coordinator and Instructor. Co-sponsored by the 15<sup>th</sup> Summer Institute of Mexico's National Institute of Public Health, MEASURE Evaluation and CDC/DRH. 19 participants. Cuernavaca, México. July 5-23, 2010.
- 2009 Workshop on Impact Evaluation of Population, Health and Nutrition Programs. Coordinator and Instructor. Co-sponsored by the 14<sup>th</sup> Summer Institute of Mexico's National Institute of Public Health. MEASURE Evaluation and CDC/DRH. 19 participants. Cuernavaca, México. July 6-24, 2009.
- 2008 Workshop on Impact Evaluation of Population, Health and Nutrition Programs. Coordinator and Instructor. Co-sponsored by the 13<sup>th</sup> Summer Institute of Mexico's National Institute of Public Health. MEASURE Evaluation and CDC/DRH. 19 participants. Cuernavaca, México. July 21-August 8, 2008.
- 2007 Workshop on Impact Evaluation of Population, Health and Nutrition Programs. Coordinator and Instructor. Co-sponsored by the 12<sup>th</sup> Summer Institute of Mexico's National Institute of Public Health, MEASURE Evaluation and CDC/DRH. 18 participants. Cuernavaca, México. July 23-August 10, 2007.
- Workshop on Impact Evaluation of Population, Health and Nutrition Programs. Coordinator and Instructor. Co-sponsored by the 11<sup>th</sup> Summer Institute of Mexico's National Institute of Public Health, MEASURE Evaluation and CDC/DRH. 17 participants. Cuernavaca, México. July 31-August 18, 2006.
- 2005 Workshop on Impact Evaluation of Population, Health and Nutrition Programs. Coordinator and Instructor. Co-sponsored by the 10<sup>th</sup> Summer Institute of Mexico's National Institute of Public Health and MEASURE Evaluation. 16 participants. Cuernavaca, México. July 18-August 5, 2005.
- Workshop on Evaluating the Impact of Reproductive Health Programs. Coordinator and Instructor. Cosponsored by the East-West Center's 36<sup>th</sup> Summer Seminar on Population and MEASURE Evaluation. 19 participants. Honolulu, Hawaii. May 31-June 30, 2005.
- Workshop on Advanced Methods for Evaluating Health and Social Program Impact. Coordinator and Instructor. Co-sponsored by the National Institute of Public Health and MEASURE Evaluation. 21 participants. Cuernavaca, México. March 7-18, 2005.
- Workshop on Impact Evaluation of Population, Health and Nutrition Programs. Coordinator and Instructor. Co-sponsored by the 9<sup>th</sup> Summer Institute of the National Institute of Public Health and MEASURE Evaluation. 15 participants. Cuernavaca, México. July 19-August 6, 2004.
- Workshop on Monitoring and Evaluation of Population and Health Programs. Coordinator and Instructor. Co-sponsored by the Bill and Melinda Gates Institute for Population and Reproductive Health of Johns Hopkins University and MEASURE Evaluation. 22 participants. Towson, MD. June 14-July 2,

2004.

- 2004 Mentor to a Nicaraguan student of the University of Costa Rica's Master on Population and Health program. Internship conducted at the Carolina Population Center and MEASURE Evaluation during two months. January-February, 2004.
- Workshop on Methods to Evaluate the Impact of Population, Health and Nutrition Programs.

  Coordinator and Instructor. Co-sponsored by the University of Costa Rica, MEASURE Evaluation and Family Health International. 15 participants. San José, Costa Rica. July 14-August 1, 2003.
- Workshop on Evaluating the Impact of Reproductive Health Programs. Coordinator and Instructor. Cosponsored by the East-West Center's 34<sup>th</sup> Summer Seminar on Population and MEASURE Evaluation. 15 participants. Honolulu, Hawaii. May 29-June 27, 2003.
- Workshop on Methods to Evaluate the Impact of Population, Health and Nutrition Programs.

  Coordinator and Instructor. Co-sponsored by the University of Costa Rica, MEASURE Evaluation and Family Health International. 16 participants. San José, Costa Rica. July 8-26, 2002.
- 2002 Seminar on Quantitative Methods for Program Evaluation. Instructor. For the Master's Degree Program in Population and Reproductive Health Research. Institute of Population and Social Research. Mahidol University. Bangkok, Thailand. April 22-26, 2002.
- 2002 Mentor to a Peruvian student of the University of Costa Rica's Master on Population and Health program. Internship conducted at the Carolina Population Center and MEASURE Evaluation during two months. January-February, 2002.
- Workshop on Methods to Evaluate the Impact of Population, Health and Nutrition Programs.

  Coordinator and Instructor. Co-sponsored by the University of Costa Rica and MEASURE Evaluation.
  15 participants. San José, Costa Rica. July 9-27, 2001.
- Workshop on Methods to Evaluate the Impact of Population, Health and Nutrition Programs.

  Coordinator and Instructor. Co-sponsored by the University of Costa Rica and MEASURE Evaluation.

  15 participants. San José, Costa Rica. July 10-28, 2000.
- 2000 Mentor to a Honduran student of the University of Costa Rica's Master on Population and Health program. Internship conducted at the Carolina Population Center and MEASURE Evaluation during two months. January-February 2000.
- 1999 MEASURE Evaluation Project 1999 Summer Institute on Monitoring and Evaluation of Population, Health and Nutrition programs. Resource person in the Program Impact Evaluation Track. Chapel Hill, NC. May 24-June 18, 1999.
- 1998 Impact Evaluation Module. Profamilia's South-South Program on Research and Evaluation of Health program. Instructor. Bogotá, Colombia. September 14, 1998.
- 1998 Workshop on Multi-level Analysis and its Use for Program Impact Evaluation. Coordinator and Instructor. National Committee for Population and Family Planning. Hanoi, Vietnam. June 29-July 3, 1998.
- 1998 MEASURE *Evaluation* Project 1998 Summer Institute on Monitoring and Evaluation of Population, Health and Nutrition programs. Resource person in the Program Impact Evaluation Track. Chapel Hill, NC. May 25-June 19, 1998.
- 1997 Workshop on Program Evaluation and Applications of Multi-level Models to Measure Program Impact. Coordinator and Instructor. Consejo Nacional de Población de México (CONAPO). Mexico City. May 1997.

## **LANGUAGES**

Spanish, English.

#### **PERSONAL**

Cooking (Italian, desserts), coffee, dog walker, hiking- Camino de Santiago.