

# Manuela De Allegri

## EDUCATION

PhD, Institute of Public Health, University of Heidelberg, 2006

MSc, Bocconi University, 2002

BA, Bryn Mawr College, 1999

## OVERVIEW

I have a diverse academic training in Sociology, Health Economics, and Public Health. I joined the Institute of Public Health of the University of Heidelberg in 2002 and was appointed Leader of the Research Group in Health Economics and Health Financing in March 2011. My areas of expertise include health financing, impact and process evaluation, and economic evaluation, with specific application to social health protection and provider payment mechanisms in low and middle income countries. My research focus ranges from maternal and newborn care to malaria to HIV/AIDS. Through the systematic application of a mixed methods approaches, I combine quantitative and qualitative methods of data collection and analysis to all of my work.

## LANGUAGES

English, French, Spanish, Italian, German.

## PUBLICATIONS IN PEER REVIEWED JOURNALS

58. **De Allegri M**, Tiendrebéogo J, Müller O, Yé M, Jahn A, Ridde V (2015). Understanding home delivery in a context of user fee reduction: A cross-sectional mixed methods study in rural Burkina Faso. BMC Pregnancy and Childbirth. In press.

57. Louis VR, Schoeps A, Tiendrebéogo J, Beiersmann C, Yé M, Damiba MR, Lu GY, Mbayiha AH, **De Allegri M**, Jahn A, Sié A, Becher H, Müller O (2015). [An insecticide-treated bed-net campaign and childhood malaria in Burkina Faso](#). Bull World Health Organ. 2015 Nov 1;93(11):750-8.

56. Prost A, Binik A, Abubakar I, Roy A, **De Allegri M**, Mouchoux C, Dreischulte T, Ayles H, Lewis JJ, Osrin D. (2015). [Logistic, ethical, and political dimensions of stepped wedge trials: critical review and case studies](#). Trials. 2015 Aug 17;16(1):351.

55. Kambala C, Lohmann J, Mazalale J, Brenner S, **De Allegri M**, Muula AS, Sarker M. (2015). [How do Malawian women rate the quality of maternal and newborn care? Experiences and perceptions of women in the central and southern regions](#). BMC Pregnancy Childbirth; 15;15(1):169

54. Abihiro GA, **De Allegri M** (2015). [Universal health coverage from multiple perspectives: a synthesis of conceptual literature and global debates](#). BMC Int Health Hum Rights; 15(1):17.

53. **De Allegri M**, Agier I, Tiendrebeogo J, Louis VR, Yé M, Mueller O, Sarker M. (2015). [Factors Affecting the Uptake of HIV Testing among Men: A Mixed-Methods Study in Rural Burkina Faso](#). PLoS One;10(7):e0130216.
52. Schoeps A, Lietz H, Sié A, Savadogo G, **De Allegri M**, Müller O, Sauerborn R, Becher H, Souares A. (2015). [Health insurance and child mortality in rural Burkina Faso](#). Glob Health Action. Apr 28;8:27327. doi: 10.3402/gha.v8.27327.
51. Brenner S, **De Allegri M**, Gabrysch S, Chinkhumba J, Sarker M, Muula AS (2015). The Quality of Clinical Maternal and Neonatal Healthcare – A Strategy for Identifying Routine Care Signal Functions. PLoS One. Apr 15;10(4):e0123968.
50. Mazalale J, Kambala C, Brenner S, Chinkhumba J, Lohmann J, Mathanga DP, Robberstad B, Muula AS, **De Allegri M** (2015). Factors associated with delivery outside a health facility: cross-sectional study in rural Malawi. Trop Med Int Health. Feb 6.
49. Wang Q, Fu AZ, Brenner S, Kalmus O, Banda HT, **De Allegri M** (2015). Out-of-pocket Expenditure on Chronic Non-communicable Diseases in Sub-Saharan Africa: The Case of Rural Malawi. PLoS One. Jan 13;10(1):e0116897.
48. Ridde V, Turcotte-Tremblay AM, Souares A, Lohmann J, Zombré D, Koulidiati J, Yaogo M, Hien H, Hunt M, Zongo S, **De Allegri M** (2014). Protocol for the process evaluation of interventions combining performance-based financing with health equity in Burkina Faso. Implement Science Oct 12;9(1):149.
47. Chinkhumba J, **De Allegri M**, Muula AS, Robberstad B (2014). [Maternal and perinatal mortality by place of delivery in sub-Saharan Africa: a meta-analysis of population-based cohort studies](#). BMC Public Health. 2014 Sep 28;14:1014
46. Abihiro GA, Torbica A, Kwalamasa K, **De Allegri M** (2014). [Eliciting community preferences for complementary micro health insurance: A discrete choice experiment in rural Malawi](#). Soc Sci Med. 2014 Nov;120:160-8.
45. Abihiro GA, Mbera GB, **De Allegri M** (2014). Universal health coverage in Malawi: A qualitative study in rural communities. BMC Health Services Research. May 22;14:234
44. Abihiro GA, Leppert G, Bongololo G, Robyn PJ, **De Allegri M** (2014). Developing attributes and attribute-levels for a discrete choice experiment on micro health insurance in rural Malawi. BMC Health Services Research. May 22;14:235
43. Brenner S, Muula AS, Robyn PJ, Bärnighausen T, Sarker M, Mathanga DP, Bossert T, **De Allegri M**<sup>†</sup> (2014). Design of an impact evaluation using a mixed methods approach - an explanatory assessment of the effects of results-based financing mechanisms on maternal healthcare services in Malawi. BMC Health Services Research, 14:180.
42. Torbica A, **De Allegri M**, Belemsaga D, Medina-Lara A, Ridde V (2014). What criteria guide national entrepreneurs' policy decisions on user fee removal for maternal health care services? Use of a best-worst scaling choice experiment in West Africa. J Health Serv Res Policy. Oct;19(4):208-15.
41. Wang Q, Brenner S, Leppert G, Banda HT, Kalmus O, **De Allegri M** (2014). Health Seeking Behavior and the Related Household Out-of-Pocket Expenditure for Chronic Non-

communicable Diseases in Rural Malawi. Health Policy and Planning. Feb 21 (Epub ahead of print).

40. Zöllner C, **De Allegri M**<sup>†</sup>, Louis VR, Yé M, Sie A, Tiendrebeogo J, Jahn A, Müller O (2014). Insecticide-treated mosquito nets in rural Burkina Faso: assessment of coverage and equity in the wake of a universal distribution campaign. Health Policy and Planning. Jan 24 (Epub ahead of print).

39. Ridde V, Agier I, Jahn A, Mueller O, Tiendrebéogo J, Yé M, **De Allegri M** (2014). The impact of user fee removal policies on household out-of-pocket spending. Evidence against the inverse equity hypothesis from a population based study in Burkina Faso. European Journal of Health Economics. Jan 12 (Epub ahead of print).

38. Tafuri G, Stolk P, Trotta F, Putzeist M, Leufkens HG, Laing RO, **De Allegri M** (2014). How do the EMA and FDA decide which anticancer drugs make it to the market? A comparative qualitative study on decision makers' views. Annals of Oncology. 25: 265–269.

37. Parmar D, **De Allegri M**, Savadogo G, Sauerborn R (2014): Do community-based health insurance schemes fulfill the promise of equity? A study from Burkina Faso. Health Policy Plan. Jan;29(1):76-84.

36. Cofie P, **De Allegri M**, Pohkrel S, Kouyaté B, Adjei S, Sauerborn R (2013). Effects of information, education, and communication campaign on a community-based health insurance scheme in Burkina Faso. Global Health Action. Dec 6;6:20791.

35. Aji B, **De Allegri M**, Souares A, Sauerborn R (2013). The impact of health insurance programs on out-of-pocket expenditures in Indonesia: An increase or a decrease? International Journal of Environmental Research and Public Health. 10(7):2995-3013.

34. Majaj L, Nassar M, **De Allegri M** (2013). "It's not Easy to Acknowledge That I'm Ill": A Qualitative Investigation into the Health Seeking Behavior of Rural Palestinian Women. BMC Women's Health. 24;13:26.

33. **De Allegri M**<sup>\*</sup>, Louis VR, Tiendrébeogo J, Souares A, Yé M, Tozan Y, Jahn A, Mueller O (2013). Moving towards universal coverage with malaria control interventions: achievements and challenges in rural Burkina Faso. Int J Health Plann Manage. 2013 Jan-Mar;28(1):102-21.

32. Parmar D, Souares A, **De Allegri M**, Savadogo G, Sauerborn R (2012). Adverse selection in a community-based health insurance: Implication of introducing targeted subsidies. BMC Health Services Research. 28;12:181.

31. **De Allegri M**<sup>\*</sup>, Ridde V, Louis VR, Sarker M, Tiendrebéogo J, Yé M, Müller O, Jahn A (2012). The impact of targeted subsidies for facility-based delivery on access to care and equity - Evidence from a population-based study in rural Burkina Faso. J Public Health Policy. 33(4):439-53.

30. Louis VR, Bals J, Tiendrebéogo J, Bountogo M, Ramroth H, **De Allegri M**, Traoré C, Beiersmann C, Coulibaly B, Yé M, Jahn A, Becher H, Müller O (2012). Long-term effects of malaria prevention with insecticide-treated mosquito nets on morbidity and mortality in African children: randomised controlled trial. Trop Med Int Health. 17(6):733-41.

29. Conrad P, **De Allegri M**, Moses A, Larsson EC, Neuhaan F, Müller O, Sarker M (2012). Antenatal care services in rural Uganda: missed opportunities for good-quality care. *Qual Health Res.* 22(5):619-29.
28. Beiersmann C, Bountogo M, Tiendrébeogo J, **De Allegri M**, Louis VR, Coulibaly B, Yé M, Mueller O (2011). Falciparum malaria in young children of rural Burkina Faso: comparison of survey data in 1999 with 2009. *Malar J.* 11;10:296.
27. **De Allegri M**, Tiendrebéogo J, Louis VR, Yé M, Müller O (2011). Measuring the AMFm. *Lancet.* 5;377(9768):810.
26. **De Allegri M**, Schwarzbach M, Loerbroks A, Ronellenfitsch U (2011) . Which factors are important for the successful development and implementation of clinical pathways? A qualitative study. *BMJ Qual Saf.* 20(3):203-8.
25. **De Allegri M**, Ridde V, Louis VR, Sarker M, Tiendrebéogo J, Yé M, Müller O, Jahn A (2010). Determinants of utilisation of maternal care services after the reduction of user fees: a case study from rural Burkina Faso. *Health Policy.* 99(3):210-8.
24. Beiersmann C, **De Allegri M**, Tiendrebéogo J, Yé M, Jahn A, Mueller O (2010). Different delivery mechanisms for insecticide-treated nets in rural Burkina Faso: a provider's perspective. *Malar J.* 4;9:352.
23. Sarker M, Schmid G, Larsson E, Kirenga S, **De Allegri M**, Neuhaan F, Mbunda T, Lekule I, Müller O (2010). Quality of antenatal care in rural southern Tanzania: a reality check. *BMC Res Notes.* 27;3:209.
22. Pokhrel S, **De Allegri M<sup>†</sup>**, Gbangou A, Sauerborn R (2010). Illness reporting and demand for medical care in rural Burkina Faso. *Soc Sci Med.* 70(11):1693-700.
21. **De Allegri M\***, Marschall P, Flessa S, Tiendrebéogo J, Kouyaté B, Jahn A, Müller O (2010). Comparative cost analysis of insecticide-treated net delivery strategies: sales supported by social marketing and free distribution through antenatal care. *Health Policy Plan.* 25(1):28-38.
20. Tipke M, Louis VR, Yé M, **De Allegri M**, Beiersmann C, Sié A, Mueller O, Jahn A. (2009) Access to malaria treatment in young children of rural Burkina Faso. *Malar J.* 24;8:266.
19. Dong H, **De Allegri M**, Gnawali D, Souares A, Sauerborn R. Drop-out analysis of community-based health insurance membership at Nouna, Burkina Faso. *Health Policy.* 92(2-3):174-9.
18. Gnawali DP, Pokhrel S, Sié A, Sanon M, **De Allegri M**, Souares A, Dong H, Sauerborn R (2009). The effect of community-based health insurance on the utilization of modern health care services: evidence from Burkina Faso. *Health Policy.* 90(2-3):214-22.
17. **De Allegri M\***, Sauerborn R, Kouyaté B, Flessa S (2009). Community health insurance in sub-Saharan Africa: what operational difficulties hamper its successful development? *Trop Med Int Health.* 14(5):586-96.
16. Hofmann J, **De Allegri M<sup>†</sup>**, Sarker M, Sanon M, Böhler T (2008). Breast milk as the "water that supports and preserves life"--socio-cultural constructions of breastfeeding and

their implications for the prevention of mother to child transmission of HIV in sub-Saharan Africa. *Health Policy*. 89(3):322-8.

15. **De Allegri M\***, Pokhrel S, Becher H, Dong H, Mansmann U, Kouyaté B, Kynast-Wolf G, Gbangou A, Sanon M, Bridges J, Sauerborn R (2008). Step-wedge cluster-randomised community-based trials: an application to the study of the impact of community health insurance. *Health Res Policy Syst*. 22;6:10.

14. Müller O, **De Allegri M**, Becher H, Tiendreboogo J, Beiersmann C, Ye M, Kouyate B, Sie A, Jahn A (2008). Distribution systems of insecticide-treated bed nets for malaria control in rural Burkina Faso: cluster-randomized controlled trial. *PLoS One*. 11;3(9):e3182.

13. Dong H, Gbangou A, **De Allegri M**, Pokhrel S, Sauerborn R (2008). The differences in characteristics between health-care users and non-users: implication for introducing community-based health insurance in Burkina Faso. *Eur J Health Econ*. 9(1):41-50.

12. Beiersmann C, **De Allegri M\***, Sanon M, Tiendrebeogo J, Jahn A, Mueller O (2008). Community perceptions on different delivery mechanisms for insecticide-treated bed nets in rural Burkina Faso. *The Open Public Health Journal*. 1: 17-24.

11. Beiersmann C, Sanou A, Wladarsch E, **De Allegri M**, Kouyaté B, Müller O (2008). Malaria in rural Burkina Faso: local illness concepts, patterns of traditional treatment and influence on health-seeking behaviour. *Malar Journal* 8;6:106.

10. **De Allegri M\***, Sauerborn R (2007). Community based health insurance in developing countries. *BMJ*. 23;334(7607):1282-3.

9. Kouyaté B, Sie A, Yé M, **De Allegri M**, Müller O(2007). The great failure of malaria control in Africa: a district perspective from Burkina Faso. *PLoS Medicine*. 4(6):e127.

8. Sanon M, Mandi G, **De Allegri M**, Schirmer H, Meissner P, Müller O (2007). Attitudes regarding colouration effects associated with methylene blue malaria treatment in a rural community of Burkina Faso. *Curare*. 30(1):27-34.

7. **De Allegri M\***, Sarker M, Hofmann J, Sanon M, Böhler T (2008). A qualitative investigation into knowledge, beliefs, and practices surrounding mastitis in sub-Saharan Africa: what implications for vertical transmission of HIV? *BMC Public Health*. 23;7:22.

6. **De Allegri M\***, Kouyaté B, Becher H, Gbangou A, Pokhrel S, Sanon M, Sauerborn R (2006). Understanding enrolment in community health insurance in sub-Saharan Africa: a population-based case-control study in rural Burkina Faso. *Bull World Health Organ*. 84(11):852-8.

5. Frey C, Traoré C, **De Allegri M**, Kouyaté B, Müller O (2006). Compliance of young children with ITN protection in rural Burkina Faso. *Malar J*. 14;5:70.

4. **De Allegri M\***, Sanon M, Bridges J, Sauerborn R (2006). Understanding consumers' preferences and decision to enrol in community-based health insurance in rural West Africa. *Health Policy*. 7(1): 58-71.

3. Sarker M, **De Allegri M**, Sanou B, Palé A, Snow R, Boehler T (2005). Knowledge, Perceptions, and Attitudes towards HIV: Bulding Community Support for Prevention of Mother to Child Transmission of HIV. *Curare*; 28(2+3): 237-246.

2. **De Allegri M\***, Sanon M, Sauerborn R (2005). "To enrol or not to enrol?": A qualitative investigation of demand for health insurance in rural West Africa. *Soc Sci Med.* 62(6):1520-7.

1. **De Allegri M\***, Pokhrel S, Sauerborn R (2005). Health financing and access to services. *Lancet.* 12-18;365(9459):569-70.

## **BOOKS AND BOOK CHAPTERS**

3. **De Allegri M** (2015). La micro-assurance santé offre une protection sociale efficace pour les plus démunis » pp. 129-132 in les idées en santé mondiale. Ed. Ridde V. & F Ouattara F. Presses Université de Montréal.

2. Parmar D and **De Allegri M** (2014): Operationalizing impact evaluation: from theory to practice. in: Radermacher R and Roth K (eds.): Practical Guide to Impact Assessments in Microinsurance. Luxembourg: Microinsurance Network and Micro Insurance Academy.

1. **De Allegri M** (2007). To enroll or not to enroll in Community Health Insurance: Case study from Burkina Faso. Frankfurt am Main: Peter Lang.

## **SELECTED POLICY REPORTS**

**De Allegri M** and Parmar D (2015). Analysis of enrolment and health service utilization patterns among RSBY members in four Indian States. Prepared for GiZ India.

Brenner S, **De Allegri M**, Kambala C, Lohmann J, Mathanga D, Mazalale J, Muula A, Wilhelm D (2015). Midterm findings – *Results Based Financing for Maternal and Neonatal Health* Impact Evaluation. Prepared for USAID and URC/TRAction.

Agier I, **De Allegri M**, Brenner S, Kwame JW, El Khoury Z, Koulidiati JL, Leppert G, Lohmann J, Mashayamombe T, Nguyen H, Ouedraogo N, Ridde V, Rue Schiener A, Souares A (2015). Baseline Survey Report - Impact Evaluation for Health Performance-Based Financing in Burkina Faso. Prepared for the Ministry of Health of Burkina Faso and the World Bank.

Brenner S, **De Allegri M**, Kambala C, Lohmann J, Mathanga D, Mazalale J, Muula A (2014). Baseline findings – *Results Based Financing for Maternal and Neonatal Health* Impact Evaluation. Prepared for USAID and URC/TRAction.