

Dr Donatien BEGUY
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SUMMARY

Dr Beguy has 15 years of experience in research, capacity building and knowledge translation in the population and health field. His research areas include adolescent health, particularly reproductive health, urban health, migration and urbanization. He has led several research studies in different countries in Africa, providing technical guidance at different stages including developing questionnaires, data analysis including advanced statistical modeling, and knowledge translation. He has not only hands-on experience in survey data collection and processing, but also strong knowledge and experience of advanced technical and statistical skills. He has published in several renowned peer-reviewed journals, developed working papers and policy briefs, and made numerous presentations at major international conferences. He has also shared his research findings during dissemination meetings with policymakers, advocacy groups, NGOs, providing them with advice and guidance on how best to demand, interpret and use data generated by researchers for health programming and action. Dr Beguy has led the development of the Statistics and Surveys Unit at APHRC, and currently leads the Unit, providing technical guidance through trainings and hands-on support to research programs at the Center and external partners in terms of survey design and implementation, statistical analysis, and monitoring and evaluation of programs including health programs in Africa. He is fluent in both French and English.

EDUCATIONNAL BACKGROUND

2007: PhD in Demography, Université Paris 10 – Nanterre, France.

2003: Master of Arts in Demography - Université Paris 1, Panthéon – Sorbonne, France.

1998: Bachelor of Science in Statistics - Ecole Nationale Supérieure de Statistique et d'Economie Appliquée - National Higher School of Statistics and Applied Economics - ENSEA, Abidjan, Côte-d'Ivoire.

WORK EXPERIENCE

April 2012 – present: Research Scientist, Head of Statistics and Surveys Unit. I am the Head of the Statistics and Surveys Unit (SSU), providing technical guidance through trainings and hands-on support to research programs at the Center and external partners in Africa in terms of survey design and implementation, monitoring and evaluation, and statistical analysis. I served as technical lead of the Measurement, Learning and Evaluation (MLE) project for the Urban Reproductive Health Initiative (URHI) implemented in Kenya, Nigeria and Senegal, in collaboration with the Carolina Population Center, University of North Carolina at Chapel Hill, providing technical guidance in the development of questionnaires and coordinating implementation of DHS-type and facility-based surveys, developing survey reports, and conducting research capacity building activities. I am also in charge of the Nairobi Urban Health and Demographic Surveillance System and involved in the implementation of the 2nd round of the Nairobi Cross-sectional Slum Survey (NCSS 2) that the Center has conducted in all the slum settlements in Nairobi. I am also the technical lead of the 3-year monitoring and evaluation project of the Women and Girls Lead Global (WGLG) initiative in Kenya, and the 3-year assessment of the impact of hygiene promotion and marketing of low cost sanitation facilities by GOAL Kenya on demand for and access to quality sanitation services in informal settlements in Nairobi, Kenya.

June 2009 – March 2012: Associate Research Scientist, APHRC. I served as Project Manager of two Components (Migration and Transition to adulthood) of the 5-year program, the Urbanization, Poverty and Health Dynamics Project (UPHD), funded by the Wellcome Trust. I have also served until January 2011 as the field operations manager for the NUHDSS. My main achievements include collecting high quality data, driving scientific paper writing, publishing a track record of papers, and disseminating findings among various stakeholders.

August 2007 – May 2009: Postdoctoral Research Fellow, APHRC.

July-September 2004: Consultant for the Country Support Team (CST) of United Nations Population Fund (UNFPA), Dakar, Senegal: Analysis on Adolescent fertility: levels, trends and determinants in sub-Saharan Africa ("Fécondité des adolescentes: niveaux, tendances et facteurs en Afrique subsaharienne"), using available DHS data (1986-2002) for about thirty countries in sub-Saharan Africa.

July 1998 – August 2002: Research Officer at the Unité de Recherche Démographique (URD) of Université de Lomé - Research Unit in Demography. I was involved at different stages in several research studies: sample design, training and supervision of local field interviewers, supervision of data collection and data entry, data analysis and report writing.

LANGUAGES AND COMPUTING SKILLS

- **Language:** Fluent in French and English.
- **Computer literacy/Statistical package:** STATA, SPSS, EPI-INFO, Microsoft Office.

PUBLICATIONS AND WORKS

Peer-reviewed papers, Book chapters

1. Beguy, Donatien, and Blessing Mberu, 2015. "Patterns of fertility preferences and contraceptive behavior over time: An examination of change and continuities among the urban poor in Nairobi, Kenya." *Culture, Health & Sexuality*. doi: 10.1080/13691058.2015.1038731.
2. Beguy D.; Patricia Elung'ata; Blessing Mberu; Clement Oduor; Marylene Wamukoya; Bonface Nganyi; Alex Ezech, 2015. HDSS Profile: The Nairobi Urban Health and Demographic Surveillance System (NUHDSS). *International Journal of Epidemiology*; doi: 10.1093/ije/dyu251.
3. Beguy D., Mumah J. and Gottschalk L, 2014. Unintended pregnancies among adolescent girls living in poor urban slums: Evidence from a prospective study in Nairobi city, Kenya. *PLoS ONE* 9(7): e101034. doi:10.1371/journal.pone.0101034.
4. Antoine Philippe and Donatien Beguy, 2014. Évolution des conditions économiques, mariage et constitution de la famille à Dakar et à Lomé In Marcoux r. and Antoine Ph (eds). *Le mariage en Afrique. Pluralité des formes et des modèles matrimoniaux*. Collection «Les sociétés africaines en mutation ». Presses de l'Université du Québec: Québec. pp. 83-106.
5. Kabiru CW, Elung'ata P, Mojola SA, Beguy D. (2014). Adverse life events and delinquent behavior among Kenyan adolescents: a cross-sectional study on the protective role of parental monitoring, religiosity, and self-esteem. *Child and Adolescent Psychiatry and Mental Health*, 8:24, doi:10.1186/1753-2000-8-24
6. Gerritsen, A., P. Bocquier, M. White, C. Mbacké, N. Alam, D. Beguy, F. Odhiambo, C. Sacoor, H.D. Phuc, S. Punpuing, and M.A. Collinson. 2013. "Health and demographic surveillance systems: contributing to an understanding of the dynamics in migration and health." *Global Health Action* 6: 21496.
7. Beguy D., Ndugwa R. and C. Kabiru, 2013. Entry into motherhood among adolescent girls in two informal settlements in Nairobi, Kenya. *Journal of Biosocial Science*, 45(6):721-42, doi:10.1017/S0021932013000199.
8. Marston M, Beguy D., C. Kabiru and J. Cleland, 2013. Predictors of sexual debut among young adolescents in Nairobi's informal settlements. *International Perspectives on Sexual and Reproductive Health*, 39(1):22-31, doi: 10.1363/3902213.
9. Kabiru CW, Izugbara CO, and Beguy D. 2013. "The health and wellbeing of young people in sub-Saharan Africa: An under-researched area?" *BMC International Health and Human Rights* 13(1).
10. Kabiru CW, D. Beguy, RP Ndugwa, EM Zulu, and R Jessor. 2012. "Making it": Understanding Adolescent Resilience in Two Informal Settlements (Slums) in Nairobi, Kenya, *Child and Youth Services*, 33, 12-32.
11. Mberu, B.U., A.C. Ezech, G.C. Langat, S. Oti, J. KKimani and D. Beguy. 2012. Family ties and urban-rural linkages among older migrants in Nairobi informal settlements. *Population, Space and Place*, DOI: 10.1002/psp.1711.
12. Zulu E, Beguy D., Ezech A, Bocquier Ph, Madise N, Cleland J and Falkingham J, 2011. Overview of migration, poverty and health dynamics in Nairobi City's slum settlements. *Journal of Urban Health*. 2011;88(0):185-199.
13. Kabiru C, Beguy D., Crichton J, Zulu E. HIV/AIDS among youth in urban informal (slum) settlements in Kenya: What are the correlates of and motivations for HIV testing? *BMC Public Health*.11(1):685.
14. Emina J, Beguy D., Zulu E, Ezech, A, Muindi, K, Elung'ata, P, Otsola, J, and Yé, Y. Monitoring of Health and Demographic Outcomes in Poor Urban Settlements: Evidence from the Nairobi Urban Health and Demographic Surveillance System. 2011. *Journal of Urban Health*. 2011;88(0):200-218.
15. Beguy D., C. Kabiru, E. Zulu, A. Ezech, 2011. Timing and sequencing of events marking the transition to adulthood in two informal settlements in Nairobi, Kenya, *Journal of Urban Health*, 2011;88(0):318-340.
16. Kabiru C., S. Mojola, D. Beguy, and C. Okigbo, 2013. Growing up at the 'margins': Concerns, aspirations, and expectations of young people living in Nairobi's slums. *Journal of Research on Adolescence*, 23(1), 81-94.
17. Beguy D., Ph. Bocquier, E. Zulu, 2010. Circular migration patterns and determinants in Nairobi slum settlements, *Demographic Research*, 23(20), 549-586. doi:10.4054/DemRes.2010.23.20.
18. Ndugwa RP, Kabiru CW, Cleland J, Beguy D., Egondi T, Zulu EM. and Jessor R, 2011. Adolescent Problem Behavior in Nairobi's Informal Settlements: Applying Problem Behavior Theory in Sub-Saharan Africa. *Journal of Urban Health*. 88(0):298-317.
19. Kabiru, C., D. Beguy, J. Crichton, E. Zulu and A. Ezech, 2010. Self-reported drunkenness among adolescents in four sub-Saharan African countries: associations with adverse childhood experiences, *Child and Adolescent Psychiatry and Mental Health*, 4:17. doi:10.1186/1753-2000-4-17.
20. Bocquier P, Beguy D., Zulu E, Muindi K, Konseiga A, Yé Y. Do Migrant Children Face Greater Health Hazards in Slum Settlements? Evidence from Nairobi, Kenya. *Journal of Urban Health*. 2011;88(0):266-281.
21. Kabiru, C., D. Beguy, C. Undie, E. Zulu and A. Ezech, 2010. Transition into first sex among adolescents in slum and non-slum communities in Nairobi, Kenya, *Journal of Youth Studies*, 13(4), 453-471.
22. Beguy D., 2009. The impact of female employment on fertility in Dakar (Senegal) and Lomé (Togo), *Demographic Research*, 20(7), 97-128.
23. Beguy D., C. Kabiru, E. Nderu and M. Ngware, 2009. Inconsistencies in self-reporting of sexual activity among the young people in Nairobi, Kenya, *Journal of Adolescent Health*, 45(6), 595-601.

24. Beguy D., 2009. Transition into adulthood across generations of men and women in Lomé (Togo), *African Population Studies, Supplement to Vol. 23*, 3-26.
25. Konseiga, A., Zulu, E., Bocquier, P., Muindi, K., Beguy, D. and Yé, Y. 2009. Assessing the effect of Mother's Migration on childhood mortality in the informal settlements of Nairobi. In Collinson M.A., Adazu, K., White, M.J., S.E. Findley, "*The Dynamics of Migration, Health and Livelihoods: INDEPTH Network perspectives*". Aldershot: Ashgate.
26. Antoine Ph., Adjamaqbo A., Amétépé F., Beguy D., Dial F.B, Ferrand M. and Tichit C., 2009. Union and separation : love stories are never simple in Eva Lelièvre & Philippe Antoine (Eds.), *Fuzzy states and complex trajectories: observation, modelization and interpretation of life histories*, 2009, GRAB, Méthodes et Savoirs n°6, INED/CEPED, Paris, 176 p.
27. Adjamaqbo A., Antoine Ph., Beguy D. and Dial F.B, 2008. Comment les femmes concilient-elles mariage et travail à Dakar et à Lomé ? ("How do women conciliate marriage and work in Dakar and Lome?") In Amadou Mouftaou Sanni, Pierre Klissou, Richard Marcoux and Dominique Tabutin (eds), *Villes du Sud. Dynamiques, diversités, enjeux démographiques et sociaux*, Paris : Editions des archives contemporaines-AUF, 103-123.
28. Beguy D., 2009. Emploi féminin et fécondité à Lomé : quelles interactions ? ("Interactions between employment and fertility in Lome"), in J. Vallin (ed), *Du genre et de l'Afrique - Hommage à Thérèse Locol*, Paris, Editions de l'INED, 319-336.
29. Beguy D. and G. Dodji, 2005. Formes d'union, modes de co-résidence et fécondité à Lomé ("Types of union, living arrangements and fertility in Lome, Togo"), in Kokou Vignikin et Patrice Vimard (eds), *Familles au Nord, Familles au Sud*, Louvain-la-neuve : Academia-Bruyant, 285-304.

GRANTS

1. "Consolidating Research on Population, Family Planning and Reproductive Health of the Urban poor in sub-Saharan Africa: A data collection, dissemination and regional collaboration initiative" - Bill and Melinda Gates Foundation US\$ 2.96 million, 2011-2015 (Co-Investigator).
2. "Female employment and fertility in urban areas in Africa: Evidence from Dakar (Senegal) and Lome (Togo)" - (French Research Institute for Development, 2004-2007, Dissertation grant, €10,800) (Principal Investigator).
3. "Knowledge, Attitudes and Practiced Behaviors (KAPB) surveys on sanitation and hygiene in Mukuru slums" - European Union through GOAL Kenya, 2013-2015, US\$ 78,000 (Principal Investigator).
4. Monitoring and evaluation of Women and Girls Lead Global (WGLG) initiative in Kenya - Aspen Institute, 2013-2016, US\$ 192,000 (Principal Investigator).
5. Final Evaluation of the Millennium Village Project in Kenya, Malawi, Nigeria, Ghana, Mali, Senegal, Rwanda, Tanzania, Uganda and Ethiopia – 2014, US\$ 254,000 (Principal Investigator).

MEMBERSHIP OF PROFESSIONAL ASSOCIATIONS

Member of Union for African Population Studies (UAPS), of International Union for the Scientific Study of Population (IUSSP), of Population Association of America (PAA), of International Society of Urban Health (ISUH), of *Association Internationale des Démographes de Langue Française (AIDELF)*.

REVIEWS

External reviewer of Masters Research Report, PhD thesis proposal – University of Witwatersrand, Johannesburg, South Africa

Reviewer of articles for *Demography*, *Demographic Research*, *Studies in Family Planning*, *Journal of Adolescent Health*, *African Population Studies Journal*, *Sociological Quarterly*, *Journal of Sexual Medicine*, *BMC Public Health*, *Health Care for Women International*, *PLOS one*.

Member of the Editorial Board of the *African Population Studies Journal*, 2012-2015.

REFERENCES

Available on demand