

Marwân-al-Qays Bousmah

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Date of birth : 11/17/1987
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RESEARCH INTERESTS

Health Economics, Development Economics, Population Economics, Microeconometrics.

CURRENT POSITION

Postdoctoral researcher, Institut de Recherche pour le Développement (IRD) and CEPED (UMR 196).

Qualified for the position of Associate Professor (Maître de Conférences) in Economics (French Ministry of Education and Research, campaign 2016).

EDUCATION

2015

PhD in Economics

Aix-Marseille University (Aix-Marseille School of Economics, GREQAM), France.

Title: “Essays on the Relationship Between Fertility and Child Mortality.”

Jury: Pr. Raouf Boucekkine, Pr. Bruno Ventelou (advisors), Pr. Valérie Delaunay, Pr. Rodolphe Desbordes and Pr. Jean-Pierre Laffargue.

Defended on February 5th 2015, with Highest Honors.

2011

MSc. in International Economics and Globalization,
specialized in *Development Economics*.

University Paris 1 Panthéon-Sorbonne, Paris School of Economics.

Thesis (with High Distinction): “The demographic impact of malaria: Fertility response to malaria-related child mortality.”

Advisor: Pr. Jean-Pierre Laffargue.

2008

BSc. in Economics and Management, Aix-Marseille University.

PUBLICATIONS

Bousmah, M.-a.-Q., Boyer, S., Lalou, R., & Ventelou, B. (2021). “Reassessing the demand for community-based health insurance in rural Senegal: Geographic distance and awareness.”

SSM - Population Health, 16, 100974. doi: [10.1016/j.ssmph.2021.100974](https://doi.org/10.1016/j.ssmph.2021.100974)

Bousmah, M.-a.-Q., Nishimwe, M.L., Kuaban, C., & Boyer, S. (2021). “Free access to antiretroviral treatment and protection against the risk of catastrophic health expenditure in people living with HIV: Evidence from Cameroon.” **BMC Health Services Research**, 21, 313. doi: [10.1186/s12913-021-06331-5](https://doi.org/10.1186/s12913-021-06331-5)

Zehnati, A., Bousmah, M.-a.-Q., & Abu-Zaineh, M. (2021). “Public-private differentials in health care delivery: The case of cesarean deliveries in Algeria.” **International Journal of Health Economics and Management**, 21(3), 367-385. doi: [10.1007/s10754-021-09300-x](https://doi.org/10.1007/s10754-021-09300-x)

Abdulrahim, S., & Bousmah, M.-a.-Q. (2019). “Regional inequalities in maternal and neonatal health services in Iraq and Syria from 2000 to 2011.” **International Journal of Health Services**, 49(3), 623-641. doi: [10.1007/s41669-019-0130-7](https://doi.org/10.1007/s41669-019-0130-7)

Bousmah, M.-a.-Q., Combes, J.-B.S., & Abu-Zaineh, M. (2019). “Health differentials between citizens and immigrants in Europe: A heterogeneous convergence.” **Health Policy**, 123(2), 235-243. doi: [10.1016/j.healthpol.2018.12.005](https://doi.org/10.1016/j.healthpol.2018.12.005)

Abu-Zaineh, M., Woode, M.E., & Bousmah, M.-a.-Q. (2018). “The importance of health for

income inequality in the occupied Palestinian territory: A decomposition analysis and cross-sectional study.” **The Lancet**, 391, S23. doi: [10.1016/S0140-6736\(18\)30348-9](https://doi.org/10.1016/S0140-6736(18)30348-9)

Bousmah, M.-a.-Q. (2017). “Childhood mortality, childhood morbidity, and subsequent fertility decisions.” **Journal of Demographic Economics**, 83(2), 211-244. doi: [10.1017/dem.2017.7](https://doi.org/10.1017/dem.2017.7)

Bousmah, M.-a.-Q. (2017). “The effect of child mortality on fertility behaviors is non-linear: New evidence from Senegal.” **Review of Economics of the Household**, 15(1), 93-113. doi: [10.1007/s11150-014-9264-7](https://doi.org/10.1007/s11150-014-9264-7)

Woode, M.E., Bousmah, M.-a.-Q., & Boucekine, R. (2017). “Parental morbidity, child work, and health insurance in Rwanda.” **Journal of Demographic Economics**, 83(1), 111-127. doi: [10.1017/dem.2016.28](https://doi.org/10.1017/dem.2016.28)

Bousmah, M.-a.-Q., Lalou, R., Sambe, A., & Ventelou, B. (2017). “Niveau économique des ménages, indicateurs de pauvreté.” In V. Delaunay (Ed.) “La situation démographique dans la zone de Niakhar, 1963-2014.” Dakar, Sénégal: **Institut de Recherche pour le Développement**. doi: [10.13140/RG.2.2.25720.14087](https://doi.org/10.13140/RG.2.2.25720.14087)

Bousmah, M.-a.-Q., Ventelou, B., & Abu-Zaineh, M. (2016). “Medicines and democracy: The importance of institutional quality in the relationship between health expenditure and health outcomes in the MENA region.” **Health Policy**, 120(8), 929-935. doi: [10.1016/j.healthpol.2016.06.005](https://doi.org/10.1016/j.healthpol.2016.06.005)

Bousmah, M.-a.-Q., & Onori, D. (2016). “Financial openness, aggregate consumption, and threshold effects.” **Pacific Economic Review**, 21(3), 358-380. doi: [10.1111/1468-0106.12178](https://doi.org/10.1111/1468-0106.12178)

Health economic evaluations

Bousmah, M.-a.-Q., Nishimwe, M.L., Tovar-Sanchez, T., Lantche Wandji, M., Mpoudi-Etame, M., Maradan, G., Omgba Bassega, P., Varloteaux, M., Montoyo, A., Kouanfack, C., Delaporte, E., Boyer, S., for The NAMSAL ANRS 12313 Study Group. (2021). “Cost-utility analysis of a dolutegravir-based versus low-dose efavirenz-based regimen for the initial treatment of HIV-infected patients in Cameroon (NAMSAL ANRS 12313 trial).” **PharmacoEconomics**, 39, 331-343. doi: [10.1007/s40273-020-00987-3](https://doi.org/10.1007/s40273-020-00987-3)

Boyer, S., Nishimwe, M.L., Sagaon-Teyssier, L., March, L., Koulla-Shiro, S., Bousmah, M.-a.-Q., Toby, R., Mpoudi-Etame, M.P., Ngom Gueye, N.F., Sawadogo, A., Kouanfack, C., Ciaffi, L., Spire, B., & Delaporte, E., for the 2-Lady Group. (2020). “Cost-effectiveness of three alternative boosted protease inhibitor-based second-line regimens in HIV-infected patients in West and Central Africa.” **PharmacoEconomics - Open**, 4, 45-60. doi: [10.1007/s41669-019-0157-9](https://doi.org/10.1007/s41669-019-0157-9)

Garay, O.U., Nishimwe, M.L., Bousmah, M.-a.-Q., Janah, A., Girard, P.M., Chêne, G., Moinot, L., Sagaon-Teyssier, L., Meynard, J.-L., Spire, B., & Boyer, S. (2019). “Cost-effectiveness analysis of lopinavir/ritonavir monotherapy versus standard combination antiretroviral therapy in HIV-1 infected patients with viral suppression in France (ANRS 140 DREAM).” **PharmacoEconomics - Open**, 3, 505-515. doi: [10.1007/s41669-019-0130-7](https://doi.org/10.1007/s41669-019-0130-7)

Medical papers in the NAMSAL ANRS 12313 Study Group

Calmy, A., ..., for The New Antiretroviral and Monitoring Strategies in HIV-infected Adults in Low-Income Countries (NAMSAL) ANRS 12313 Study Group. (2020). “Dolutegravir-based and low-dose efavirenz-based regimen for the initial treatment of HIV-1 infection (NAMSAL): week 96 results from a two-group, multicentre, randomised, open label, phase 3 non-inferiority trial in Cameroon.” **The Lancet HIV**, 7(10), e677-e687. doi: [10.1016/S2352-3018\(20\)30238-1](https://doi.org/10.1016/S2352-3018(20)30238-1)

The NAMSAL ANRS 12313 Study Group. (2019). “Dolutegravir-based or low-dose efavirenz-based regimen for the treatment of HIV-1.” **New England Journal of Medicine**, 381(9), 816-826. doi: [10.1056/NEJMoa1904340](https://doi.org/10.1056/NEJMoa1904340)

Scientific vulgarization

Bousmah, M.-a.-Q., Combes, J.-B.S., Abu-Zaineh, M., & Lapique, C. (2020). “Immigrants and citizens: Equal in health?” **Dialogues Économiques**, 13 May 2020

TEACHING

- Spring 2016** *Principles of health economics.* Lecturer, Postgraduate. Faculty of Medicine, Aix-Marseille University.
- Spring 2013** *Advanced data analysis.* Lecturer, Undergraduate. Faculty of Sciences, Aix-Marseille University.

CONFERENCES AND SEMINARS

- 2021** [DIAL](#) seminar, virtual.
Workshop of the project [UNISSAHEL](#), [CRCF](#), Dakar, and virtual.
Seminar of the project [UNISSAHEL](#), virtual.
[CEPED](#) seminar, virtual.
- 2020** [INTEREST 2020](#) conference, virtual.
- 2019** Workshop of the project [UNISSAHEL](#), [CRCF](#), Dakar.
- 2017** “No one left behind: A feasible goal for the health-related SDGs in the Arab region,” [Center for Research on Population and Health](#), American University of Beirut.
Scientific day “La Méditerranée en devenir,” [A*Midex Foundation](#), Aix-Marseille University.
- 2016** [AHEAD Network](#) 3rd workshop, Aix-Marseille School of Economics.
[CREAD](#) Seminar, Algiers.
- 2015** [AHEAD Network](#) 2nd workshop, University of Tunis.
[INDEPTH Network](#) Scientific Conference (plenary session), Addis Ababa University.
[Scientific Steering Committee](#) (COS), Aix-Marseille University.
[AHEAD Network](#) 1st workshop, American University of Beirut.
- 2014** [RES PhD Meeting](#), University College London.
- 2013** [iHEA](#) 9th World Congress on Health Economics, Sydney.
[Arnoldshain Seminar](#) XI, University of Antwerp.
- 2012** [IRD](#) Scientific Seminar, Dakar.
[SESSTIM](#) Seminar, Aix-Marseille Faculty of Medicine, Marseille.
- 2011** [GREQAM](#) PhD Seminar, Aix-Marseille School of Economics, Marseille.

ACADEMIC AND OTHER EXPERIENCE

- Fall 2012** *Visiting scholar.* [IRD](#), Dakar, Senegal. Advisor: Pr. Valérie Delaunay.
- Fall 2010** *Internship.* [National Bank of Rwanda](#), Kigali. Department: *Research and Policy Analysis*.

TECHNICAL SKILLS AND LANGUAGES

GeoDa ; Mathematica ; Matlab ; QGIS ; R ; SAS ; SPSS ; Stata ; Visual Basic.
English (fluent), French (native), Arabic, German (basic).

REFeree ACTIVITY

African Development Review ; BMC Health Services Research ; BMJ Global Health ; Cahiers du CREAD ; Economics Research International ; Food Policy ; International Journal for Equity in Health ; Pacific Economic Review ; PharmacoEconomics - Open ; Review of Economics of the Household ; Revue Internationale des Études du Développement.