

Viorela Diaconu

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♥ Vienna Institute of Demography, Austrian Academy of Sciences,
Postsparkasse, Dominikanerbastei 16, 1010 Vienna, Austria

EDUCATION

Ph.D. in Demography, Université de Montréal, Canada, 2018

Dissertation title: Nouveau regards sur la longévité: Analyse de l'âge modal au décès et de la dispersion des durées de vie selon les principales causes de décès au Canada (1974-2011)
Translation of Title in English: New insight on longevity: An analysis of the modal age at death and dispersion of the length of life by leading causes of death in Canada (1974-2011)

Supervisors: Prof. Robert Bourbeau and Prof. Nadine Ouellette.

M.Sc. in Economics, Université de Montréal, Canada, 2008

Dissertation title: La modélisation des formules de transferts avec des données imparfaites: Le cas de Madagascar
Translation of Title in English: Modeling Transfer Formulas with Imperfect Data: The Case of Madagascar

Supervisor: Prof. Francois Vaillancourt.

B.Sc. in Economics, Université de Montréal, Canada, 2006

RESEARCH EXPERIENCE

Vienna Institute of Demography, Austrian Academy of Sciences, Vienna, Austria

Researcher 05/2025 - present

University of Padova, Padova, Italy

Postdoctoral researcher 04/2024 - 04/2025

Robert Koch Institute, Berlin, Germany

Researcher, Evidence-based Public Health unit 07/2021 – 05/2023

Max Planck Institute for Demographic Research, Rostock, Germany

Guest researcher 09/2020 - 06/2021

Max Planck Institute for Demographic Research, Rostock, Germany

Postdoctoral fellow 03/2018 - 05/2020

World Bank

Research Assistant (supervisor F. Vaillancourt) 10/2013 -10/2014

Educational Policy Research Initiative, University of Ottawa, Ottawa, Canada

Research scientist 01/2010 - 07/2010

School for Policy Studies, Queen's University, Kingston, Canada

Research scientist 06/2008 - 12/2009

TRAINING

Fourth Annual Berkeley Formal Demography Workshop

06/2018

Workshop on formal demographic methods with a special emphasis on mortality,
Berkeley (California), United States, June 4-8, 2018

FUNDING AWARDS

Postdoctoral stipend

Fritz Thyssen Foundation, €28 800

2020-2021

Fonds de recherche du Québec - Société et Culture, CAD \$64 000

2018-2020

Doctoral scholarship

Fonds de recherche du Québec - Société et Culture, CAD \$46 666

2014-2016

PUBLICATIONS

Diaconu, V., Zarulli, V., Mazzucco, S. (submitted). A double decomposition of standard deviation below the modal age at death and the role of causes of death, *European Journal of Population Special Issue*

Baldé, H., Geurts, B., et al. [including **Diaconu, V.**]. (2024). Responding to fluctuations in public and community trust and health seeking behaviour during the COVID-19 pandemic: a qualitative study of national decision-makers' perspectives in Guinea and Sierra Leone, *BMC Public Health*, doi:10.1186/s12889-024-20181-w

Röbl, K., Fischer, H.-T., et al. [including **Diaconu, V.**]. (2023). Caregiver acceptance of malaria vaccination for children under 5 years of age and associated factors: Cross-sectional household survey Guinea and Sierra Leone, 2022, *Malaria Journal*, doi:10.1186/s12936-023-04783-0

Pozo Martin, F., Sanchez, M. A. B., et al. [including **Diaconu, V.**]. (2023). Comparative effectiveness of contact tracing interventions in the context of the COVID-19 pandemic: A systematic review, *European Journal of Epidemiology*, doi:10.1007/s10654-023-00963-z

Diaconu, V., van Raalte, A., Martikainen, P. (2022). Why we should monitor disparities in old-age mortality with the modal age at death, *PLOS ONE*, doi:10.1371/journal.pone.0263626

Riffe, T., Acosta, E., et al. [including **Diaconu, V.**]. (2021). Data Resource Profile: COVerAGE-DB: a global demographic database of COVID-19 cases and deaths, *International Journal of Epidemiology*, 50(2): 390-390f, doi:10.1093/ije/dyab027.

Diaconu, V., Ouellette, N., and Bourbeau, R. (2020). Modal lifespan and disparity at older ages by leading causes of death: A Canada-U.S. comparison, *Journal of Population Research*, 37: 323-344, doi:10.1007/s12546-020-09247-9.

Diaconu, V., Ouellette, N., Camarda, G.C., and Bourbeau, R. (2016). Insight on “typical” longevity: An analysis of the modal lifespan by leading causes of death in Canada, *Demographic Research*, 35(17): 471-504, doi:10.4054/DemRes.2016.35.17.

Vaillancourt, F., Laporte, S., and **Diaconu, V.** (2008). Three issues in intergovernmental grants: Imperfect data, access criterion and minimum size of investments, *Proceedings. Annual Conference on Taxation and Minutes of the Annual Meeting of the National Tax Association*, 101: 411-417, Link Text.

CONFERENCES

- 2025** *Untangling mortality: The role of causes of death in shaping dispersion below the mode*
International Population Conference (IPC), Brisbane, Australia, July
Population Association of America, Washington D.C., USA
- 2024** *Evolution of dispersion around modal age at death and the role of causes of death*
CARONTE workshop on advances in causes of death modelling, Padova, Italy
- 2021** *Occupational disparities in old-age mortality: A comparison of trends in modal and average length of life in Finland, 1971-2017*
Population Association of America, Online
- 2019** *Three metrics of old-age survival for measuring longevity extension*
14th Supercentenarian Seminar, Paris, France
- Inverse function of mortality as a measure of longevity extension*
5th HMD Symposium, Berlin, Germany
- Age-of-mortality function as a new indicator of longevity extension in high-income countries*
PAA Annual Meeting, Austin, United States
- Socioeconomic differences in the most common age at death: An analysis by leading causes of death in Finland (1971-2010)*
PAA Annual Meeting, Austin, United States, 2019
- 2017** *Trends in modal age and lifespan variation by leading causes of death: A Canada-U.S. comparison*
XXVIII IUSSP International Population Conference, Cape Town, South Africa
- 2016** *Lifespan disparity by leading causes of death in Canada and the US from 1975 to 2011*
European Population Conference (EPC), Mainz, Germany
- Trends in cause-specific lifespan variation in Canada and the United States*
PAA Annual Meeting, Washington D.C., United States
- 2015** *The changing age distribution of deaths by cause in Canada and the U.S.*
16th Conference of the Applied Stochastic Models and Data Analysis International Society, Piraeus, Greece
- Differences in cause-specific lifespan distributions: The confounding effect of age*
PAA Annual Meeting, San Diego, United States
- 2013** *Insights on longevity: An analysis of the modal lifespan by leading causes of death in Canada*
XXVII IUSSP International Population Conference, Busan, South Korea
- Changes in the age-at-death distribution by leading causes of death in Canada: An innovative analysis through a nonparametric method*
PAA Annual Meeting, New Orleans, United States, 2013
- 2012** *Evolution of the modal age at death by leading causes of death in Canada, 1974-2007*
International Conference on Determinants of Unusual and Differential Longevity, Vienna, Austria

TEACHING EXPERIENCE

Lecturer, Dept. of Demography, U. de Montréal

Winter 2016: “Analyse transversale” (*Demographic Analysis - Period perspective*), B.A. / M.A. level

Winter 2015: “Économie et population” (*Population and Economics*), B.A. level

Teacher assistant, Dept. of Demography, U. de Montréal

Winter 2015/14: “Analyse transversale” (*Demographic Analysis - Period perspective*), B.A. / M.A. level

Winter 2015: “Économie et population” (*Population and Economics*), B.A. level

Fall 2014: “Analyse longitudinale” (*Demographic Analysis - Cohort perspective*), B.A. / M.A. level

Winter 2013/Fall 2012: “Introduction à la démographie” (*Introduction to demography*), B.A. level

Teacher assistant, Dept. of Economics, U. de Montréal

Winter 2007: “Séminaire d'économie politique” (*Seminar of political economy*), B.A. level

Fall 2006: “Atelier en économie appliquée” (*Applied economics workshop*), B.A. level

Winter 2006: “Analyse de données économiques” (*Analysis of economic data*), B.A. level

PEER REVIEW ACTIVITIES

Discussant: Population Association of America 2020

Reviewer: Canadian Studies in Population; Demographic Research (x2); Demography; Genus; Journal of Population Research, PLOS One; Scientific Reports.