

WORK EXPERIENCE (ACADEMIC)

- 2017— Independent Research Group Leader, Max Planck Institute for Demographic Research (MPIDR)
- 2019— Faculty, International Max Planck Research School of Population, Health, and Data Science (IMPRS-PHDS)
- 2013— Lecturer, European Doctoral School of Demography (EDSD)
- 2016-2017 Deputy Head, Laboratory of Population Health, MPIDR Rostock
- 2011-2016 Post-doc / Research Scientist, MPIDR Rostock

EDUCATION

- 2007-2011 PhD in Public Health, Erasmus University Medical Centre, Rotterdam and Max Planck Institute for Demographic Research, Rostock
Supervisors: James Vaupel (MPIDR), Johan Mackenbach (Erasmus MC)
- 2006-2007 European Doctoral School of Demography, Organized by European Association for Population Studies (EAPS), Rostock, Germany
- 2005-2006 MSc in Population and Development, London School of Economics and Political Science, London, United Kingdom
- 1996-2000 BComm (Honours), Queen's University, Kingston ON Canada

GRANTS

- 2022-2024 **Max Planck Society**, Extension of LIFEINEQ project, **600,000 EUR**.
- 2022-2022 **Volkswagen Stiftung**, Co-PI workshop “Ageing and health of older persons in Sub-Saharan Africa”, **87,300 EUR**.
- 2017-2022 **ERC Starting Grant**, project “Lifespan inequalities: why the age-at-death distribution varies between countries and socioeconomic groups (LIFEINEQ)”. **1.5 Million EUR**.
- 2019-2020 **Australia-Germany Joint Research Co-operation Scheme**, project “Cross-sectional Inequality in Lifespan”. Funded by DAAD-German Academic Exchange Service and Universities Australia. Co-PI with Vladimir Canudas-Romo, Australian National University. Funding: **16 K, EUR** (van Raalte) + **24 K, AUD** (Canudas-Romo).

MAJOR AWARDS

- 2022 **European Demographer Award 2022**. Annual mid-career prize awarded by *Population Europe* to an outstanding population researcher in Europe.

PUBLICATIONS

Journal Articles [OA=Gold Open Access; OAGr=Green Open Access]

Citation Metrics: Citations > 1500; h-index 17 (Google Scholar)

- 2023 [van Raalte A.A.](#), Basellini U., Camarda C.G., Nepomuceno M., and Myrskylä M. “The dangers of drawing cohort profiles from period data: a research note”. *Demography* [OA]
- 2023 Aburto, J. M., di Lego, V., Riffe, T.L.M., Kashyap, R., [van Raalte, A.A.](#), and Torrisi, O. “A global assessment of the impact of violence on lifetime uncertainty”. *Science Advances* [OA]
- 2023 Dudel, C., [van Raalte A.A.](#) “Educational inequalities in life expectancy: measures, mapping, meaning”. *Journal of Epidemiology and Community Health*
- 2023 Jasilionis, D. [van Raalte A.A.](#), Klüsener S, and Grigoriev P. “The underwhelming German life expectancy”. *European Journal of Epidemiology* [OA]
- 2023 Schneider D. C., Myrskylä M., and [van Raalte A.A.](#) “Flexible transition timing in discrete-time multistate life tables using Markov chains with rewards” *Population Studies* [OA]
- 2023 Shi, J., Dudel, C., Monden, C., and [van Raalte, A.A.](#) “Inequalities in retirement lifespan in the United States” *The Journals of Gerontology: Series B* [OA]
- 2022 Grigoriev P., Klüsener S, [van Raalte A.A.](#) “Quantifying the contribution of smoking to regional mortality disparities in Germany: a cross-sectional study” *BMJ Open* [OA]
- 2022 Diaconu, V., [van Raalte A.A.](#), Martikainen, P. "Why we should monitor disparities in old-age mortality with the modal age at death." *PLOS ONE*: e0263626. [OA]
- 2022 Nepomuceno M.R., Cui Q., [van Raalte A.A.](#), Aburto J.M., and Canudas-Romo V. “The cross-sectional average inequality in lifespan (CAL[†]): A lifespan variation measure that reflects the mortality histories of cohorts”. *Demography* doi: 10.1215/00703370-9637380. [OA]
- 2022 Shi, J., Aburto J.M., Martikainen P., Tarkiainen L., and [van Raalte A.A.](#) “A distributional approach to measuring lifespan stratification: Evidence from Finnish income groups.” *Population Studies* doi: 10.1080/00324728.2022.2057576 [OA]
- 2022 Sudharsanann N., Aburto J.M., Riffe T.L.M., and [van Raalte A.A.](#) Large variation in the epidemiologic transition across countries: is it still valuable as a mortality theory? *International Journal of Epidemiology* (Invited commentary) doi:10.1093/ije/dyac107
- 2021 Riffe, T.L.M., Acosta, E., the [Coverage-DB team](#). "Data Resource Profile: COVerAGE-DB: A global demographic of COVID-19 cases and deaths." *International Journal of Epidemiology* doi: 10.1093/ije/dyab027. [OA]
- 2021 Shi, J., Tarkiainen, L., Martikainen, P., and [van Raalte, A.A.](#) The impact of income definitions on mortality inequalities. *SSM-Population Health*, 100915. [OA]
- 2021 [van Raalte, A.A.](#) “What have we learned about mortality patterns over the past 25 years?” *Population Studies* (invited) 75, 105-132. [OA]
- 2020 Bergeron-Boucher M.P., Aburto J.M., [van Raalte A.A.](#), “Diversification in causes of death in low-mortality countries: Emerging patterns and implications”. *BMJ Global Health*. [OA]
- 2020 Dudel, C., Riffe, T.L.M., Acosta, E., [van Raalte, A. A.](#), Strozzo, C. & Myrskylä, M. “Monitoring trends and differences in COVID-19 case fatality rates using decomposition methods: Contributions of age structure and age-specific fatality”. *PLOS ONE* [OA]

- 2020 Seaman R.J., Höhn A., Lindahl-Jacobsen R., Martikainen P., van Raalte A.A., Christensen K. “Rethinking morbidity compression: adding inequality in age at morbidity onset to the debate” *European Journal of Epidemiology*. [OA]
- 2020 van Raalte A.A., Kluesener S., Oksuzyan A., and Griogoriev P. “Small regional disparities in mortality with large regional disparities in economic conditions: the case of Germany”. *International Journal of Epidemiology* doi: 10.1093/ije/dyz265 [OA]
- 2019 Acosta E., van Raalte, A.A. “APC Curvature Plots: Displaying Nonlinear Age-Period-Cohort Patterns on Lexis Plots” *Demographic Research* 41, 1205-1234. [OA]
- 2019 Carollo A.*, Oksuzyan A.*, Drefahl S., Camarda C.G., Ahrenfeldt L.J., Christensen K., and van Raalte A.A.* “Is the age difference between partners related to women’s earnings?” *Demographic Research* 41, 425-260. [OA]
- 2019 Seaman R.J.*, Riffe T.L.M.*, Leyland A., Popham F., and van Raalte A.A.* “The increasing lifespan variation gradient by area-level deprivation: a decomposition analysis of Scotland 1981-2011” *Social Science and Medicine* 230, 147-157. [OA]
- 2018 Aburto J.M.* and van Raalte A.A.* “Lifespan dispersion in times of life expectancy fluctuation: the case of Central and Eastern Europe” *Demography* 5(6):2071-2096. [OA]
- 2018 Aburto J.M., Wensink M., van Raalte A.A., and Lindahl-Jacobsen R. "Potential gains in life expectancy by reducing inequality of lifespans in Denmark: an international comparison and cause-of-death analysis." *BMC Public Health* 18(1):831. [OA]
- 2018 van Raalte A.A., Sasson I., and Martikainen P. “The case for monitoring lifespan inequality”. *Science* 362: 1002-1004. [OAGr]
- 2017 Jdanov D., Shkolnikov V.M., van Raalte A.A. and Andreev E.M. “Quantifying the contribution of past levels and trends to aggregate demographic indices: the contour decomposition method” *Demography* 54: 1579–602. [OA]
- 2017 Vogt, T.*, van Raalte A.A.*, Grigoriev P., and Myrskylä M.* “East-West German forecasts of mortality: Two crossovers driven by smoking.” *Demography* 54: 1051-1071. [OA] *Winner paper of the year, German Society for Demographic Studies*
- 2015 van Raalte A.A., Myrskylä M., and Martikainen P. “The contribution of smoking to mortality compression: An analysis of Finnish occupational classes, 1971-2010”. *Demographic Research* 32: 589-620. [OA]
- 2014 van Raalte A.A., Martikainen P., and Myrskylä M. “Lifespan variation by occupational class: compression or stagnation over time?” *Demography* 51: 73-95.
- 2013 van Raalte A.A.* and Caswell H.* “Perturbation analysis of indices of lifespan variability”. *Demography* 50: 1615-1640.
- 2013 Mussino, E.* and van Raalte A.A.* “Immigrant fertility: A comparative study between Italy and Russia.” *International Migration* 51: 148-164.
- 2012 van Raalte A.A., Kunst A.E., Lundberg O., Leinsalu M., Martikainen P., Artnik B., Deboosere P., Stirbu I., Wojtyniak B., and Mackenbach J.P. “The contribution of educational inequalities to variation in lifespan”. *Population Health Metrics* 10: 1-10. [OA]
- 2011 van Raalte A.A., Kunst A.E., Deboosere P., Leinsalu M., Lundberg O., Martikainen P., Strand B.H., Artnik B., Wojtyniak B., and Mackenbach J.P.. “More variation in lifespan in lower educated groups: evidence from 10 European countries.” *International Journal of Epidemiology* 40: 1703-1714.

2011 Vaupel, J.W.*, Zhang Z.*, and van Raalte A.A.*. “Life expectancy and disparity: an international comparison of life table data” *BMJ Open*. doi: 0.1136/bmjopen-2011-000128. [OA]

Invited Book Reviews

2021 van Raalte A.A. “Long live humankind”. Review of Steven Johnson’s book “Extra Life” and accompanying Nutopia documentary series airing on PBS. *Science* 372: 799.

Book and Encyclopedia chapters

2022 van Raalte A.A., “How an analysis of lifespan inequality can contribute to our understanding of life-course inequalities?”. Routledge Handbook of Inequalities and the Life Course, eds: M. Nico and G. Pollock.

2020 van Raalte A.A., Nepomuceno M. “Decomposing gaps in healthy life expectancy”. International Handbook on Healthy Life Expectancy, Springer. Section ed: Y. Saito.

2020 van Raalte A.A. Seaman R.J., “The social determinants of life expectancy and inequality in lifespan”. Encyclopedia of Biosocial Science, Elsevier, Section ed: J.M. Robine.

2019 van Raalte A.A., “Ungleichheiten im Sterbealter als demografisches Maß: Was ist das und warum ist es wichtig?” [Lifespan inequality as a demographic index: what is it and why is it important?] Yearbook of the Max Planck Society 2019.

Accepted van Raalte A.A., “Inter-group and inter-individual health disparities: Concepts and measurement”. Demographic Studies in Survival and Health, Springer, ed: V.M. Shkolnikov.

Accepted van Raalte A.A., Zhang Z. “The Japanese female age pattern of mortality decline: its relationship to life expectancy and life disparity” Frontiers of Japanese Demography, Springer, ed: J.R. Goldstein.

Software Packages

van Raalte A.A.*, Riffe T.L.M.* (2020) “*LifeIneq: Calculate indices of lifespan variation.*” R package version 00.02.01. Available on GitHub: <https://github.com/alysonvanraalte/LifeIneq>

Preprints

Acosta E., Gagnon A., Ouellette N., Bourbeau R., Nepomuceno M.R., and van Raalte A.A.. “The boomer penalty: excess mortality among baby boomers in Canada and the United States”. MPIDR Working Paper WP-2020-003.

Jackisch, J., van Raalte A.A.. "The Contribution of Childhood Adversity to the Socioeconomic Gradient in Mortality: A Swedish Birth Cohort Analysis." Available at SSRN 4229904.

Riffe T.L.M, van Raalte A.A., and Bijlsma M.J.. “Healthy life expectancy, mortality, and the age prevalence of morbidity”. MPIDR Working Paper WP-2017-015.

INVITED SEMINARS AND KEYNOTE LECTURES

- 2023 Keynote address on mortality inequalities, 50th anniversary of the BiB, Wiesbaden
- 2023 Demography group, University of Campinas, Brazil (virtual)
- 2023 Unequal progress in longevity: past, present, and future. Symposium in honour of Vladimir Shkolnikov, MPIDR (Berlin)
- 2023 Model simple, think complex, Symposium in honour of James Vaupel, MPIDR
- 2023 Social determinants of health inequalities (OPIK) group, University of the Basque country
- 2022 LIFE seminar on mortality inequalities within the *Methods in Research on Human Development*, Max Planck Institute for Human Development, Berlin
- 2022 Leverhulme Centre for Demographic Science, University of Oxford
- 2022 Population Research Unit, University of Helsinki
- 2022 Climbing Mortality Models workshop, Dolomites, Italy
- 2022 Lifespan inequalities workshop, SDU Denmark
- 2022 Department of Political and Social Sciences, University of Pompeu Fabra, Barcelona
- 2022 Center for Demographic Studies (CED), Barcelona
- 2022 Lorentz Center Workshop “Stochasticity in the Life Cycle: From Individuals to Populations”, Leiden, Netherlands (virtual)
- 2021 Berkeley Demography Brown Bag Seminar, University of California at Berkeley (virtual)
- 2021 International webinar on Lifespan Inequalities, Tel Aviv University / University of Oxford
- 2020 Lecturer, Online International Autumn School "Frontiers in Demographic Research", Higher School of Economics, Moscow Russia
- 2020 School of Demography seminar series, Australian National University, Canberra Australia
- 2020 California Center for Population Research seminar series, UCLA, Los Angeles USA
- 2020 Interdisciplinary Centre on Population Dynamics seminar series, University of Southern Denmark, Odense Denmark
- 2019 Guest Lecturer, *Health and mortality*, Department of Sociology, University of Rostock, Germany
- 2019 Lecturer, *Les inégalités face à la mort*, Continuing education program, Université de Genève (2 lectures), Switzerland
- 2019 CREST (Centre for Research in Economics and Statistics) seminar series, Paris France
- 2019 Berlin Demography Forum, *Diversity – Social Equity – Cohesion. Perspectives for Germany and Europe*, Germany
- 2018 School of Geography and Sustainability seminar series, University of St Andrews, Scotland
- 2017 University of Rostock Medical Faculty, *Excellent research in Mecklenburg-Vorpommern*, Germany
- 2016 Keynote speaker, *Demography and Inequality Workshop*, Organized by European Consortium for Sociological Research, Berlin Germany
- 2016 Centre for Economic Demography Seminar Series, Lund University, Sweden
- 2014 Keynote lecture at Formal Demography Workshop, Stanford University, Stanford USA (Declined due to parental leave)
- 2014 Keynote lecture at Demographic Methods workshop, University of Southern Denmark, Odense Denmark (Declined due to parental leave)
- 2013 Keynote speaker, Health Inequality Workshop, Jawaharlal Nehru University, New Delhi India (Declined due to pregnancy travel restrictions)
- 2013 Department of Social Statistics, University of Southampton, England
- 2011 Department of Sociology seminar series, University of Helsinki, Finland

SUPERVISION

PhD Students

Primary supervisor

2019-2023 Jiaxin Shi (University of Oxford). Now Postdoc at University of Wisconsin, Madison
2022- Chiara Micheletti (UAB & Center for Demographic Studies Barcelona (CED)). Joint primary supervisor with Iñaki Permanyer.

Co-supervisor or highly engaged mentor (~ > 40 Hrs per year)

2017-2020 José Manuel Aburto (University of Southern Denmark, Odense Denmark). Currently Brass Blacker Associate Professor at the LSHTM and *Marie Skłodowska-Curie* postdoctoral fellow at University of Oxford.
2018-2019 Enrique Acosta (Université de Montréal, Montreal Canada). Currently *Ramón y Cajal* Fellow at the Center for Demographic Studies Barcelona (CED).
2019-2022 Josephine Jackisch, Center for Health Equity Studies, Stockholm University, Sweden.
2022- Antonino Polizzi, University of Oxford, Department of Sociology (IMPRS-PHDS)

Thesis Advisory Committees or equivalent (~ < 40 Hrs per year)

2022- Tianyu (Alex) Shen, Australian National University, Department of Demography
2022- Ulla Suulamo, University of Helsinki, Department of Sociology (IMPRS-PHDS)
2021- Nienke Boderie, Erasmus University Medical Center, Department of Public Health (IMPRS-PHDS)
2021- Ruth Wygle, Duke University, Department of Sociology (IMPRS-PHDS)

Masters Students, EDSD students, visiting doctoral students

2020-2021 Satu Malmberg, University of Helsinki
2015-2016 José Manuel Aburto, University of Rome, La Sapienza (EDSD)
2012-2013 Nerida Hunter, Australian National University, Department of Demography (IMPRSD)
2011-2012 Carlo Lallo, University of Rome, La Sapienza (EDSD)

TEACHING

2013-present Lecturer and course convener, “Measures and Models of Demography”. *European Doctoral School of Demography*
2019-present Course convener “Demographic Methods”, doctoral school network *IMPRS-Population, Health and Data Science*
2018 Lecturer and course convener, “Life Table and Decomposition Analysis for Population Health Research (using R)”. Two-week intensive course, joint with Marília Nepomuceno
2013 Lecturer and course convener, “Applied Methods of Public Health and Mortality Research Using R”. Two-week intensive course, joint with Virginia Zarulli
2008 Teaching Assistant for James Vaupel, “Mortality Theory”, *European Doctoral School of Demography*
2000 Teaching Assistant for Bohumir Pazderka, “Business Microeconomics”, *Queen’s University, Kingston Canada*

PEDAGOGICAL TRAINING

- 2017 Training, leading a research group, 1-Day seminar MPIDR
2017 Media training, 1-Day seminar MPIDR
2006-2007 Soft-skills training, European Doctoral School of Demography: weekly 1.5 hour seminar, 38 weeks
2001 Teacher-training program (basic and advanced), Nova Language Academy, Tokyo, Japan: 120 hours
1995 Canadian National Coaching Certification Program Level 1, 80 hours

SERVICES

- 2015-: Works Council Member (Betriebsrat), re-elected in 2018 and 2022
2017-2020: Ombudsperson of the Max Planck Institute for Demographic Research
2014: Election committee for Academic Representative of the Max Planck Society
2010-2011: Coordinator MPIDR Brown Bag lunch series

ADVANCED COURSES ATTENDED

International Max Planck Research School for Demography / IDEM, MPIDR Rostock

- Kinship demography, May 2023
Mortality Forecasting, January 2022
Matrix methods for health demography, November 2018
Smoothing Demographic Data, June 2017
Statistical Analysis in the Lexis Diagram: Age-Period-Cohort Models, May 2016
Indirect Methods for Demographic Estimation, June 2015
Frailty Models, Nov 2011 – Feb 2012
Introduction to Cartography, GIS and Spatial Modeling, Nov 2009 – Feb 2010
Perturbation Analysis of Longevity, Mar 2009 – Apr 2009
Demographic Methods for Public Health Research, Nov 2007 – Feb 2008

Erasmus Summer Programme, Erasmus Medical Centre Rotterdam

- Methods of Public Health Research, Aug 2008

PROFESSIONAL ACTIVITIES

Journal editorial boards

Consulting Editor: *Population Studies* journal, since 2021

Guest Editor: *International Journal of Public Health*, Special Issue: Ageing and Health in sub-Saharan Africa (issue expected late 2023)

Advisory Positions:

Scientific Advisory Board: *Comparative Population Studies* journal, since 2021

Scientific Advisory Board: German Health Care Atlas (*Zi-Versorgungsatlas*), since 2023

Advisory Council Member: *Life course and economic implications of demographic change*. Project funded by Strategic Council Finland, PI: Leinonen

Reviewing Activities (Bold = 3+ times):

Grants: Panel Member—Strategic Council of Finland
Remote Reviewer—European Research Council Horizon 2020; Dutch Research Council; German-Israeli Foundation; **La Caixa Foundation**

Monographs: Springer

Journals: Addiction, American Journal of Preventive Medicine, **BMC Public Health**, BMJ Open, Comparative Population Studies, **Demographic Research**, **Demography**, European Journal of Ageing, **European Journal of Population**, European Journal of Public Health, Genus, Health Affairs, International Journal of Ageing and Later Life, **International Journal of Epidemiology**, International Journal for Equity in Health, Journal of Biosocial Science, **Journal of Epidemiology and Community Health**, Journals of Gerontology - Series B, Journal of the Royal Society of Medicine, Journal of Population Research, Lancet, PLOS ONE, Population, Population & Development Review, Population Health Metrics, Population Research and Policy Review, Population Space and Place, **Population Studies**, **PNAS**, Regenerative Medicine, **Social Science and Medicine**, **SSM – Population Health**, Theoretical Population Biology

PhD evaluation committee:

Soumaila Ouedraogo, Université Paris 1 Panthéon Sorbonne, 2022
Serena Vigezzi, CPOP, University of Southern Denmark, 2022 (Mid-term evaluation)

Promotion referee:

Australian National University

Conference Activities

Workshop Organizer: Ageing in Sub-Saharan Africa, Entebbe Uganda, February 2023. Workshop with around 50 participants from around 20 countries, mostly early career researchers based in Sub-Saharan Africa. Jointly organized with Tobias Vogt, Stephen Wandera, Elke Loichinger and funded by the Volkswagen Foundation.

Session Organizer: Population Association of America conference 2019, 2023; International Population Conference 2021 (IUSSP, paper reviewer)

Discussant: Population Association of America conference 2013, 2020 (cancelled), 2023

Session Chair: Population Association of America conference 2023; European Population Conference 2012, 2018, 2020 (cancelled), 2022

Member: Population Association of America (PAA), International Union for the Scientific Study of Population (IUSSP), European Association for Population Studies (EAPS)

LANGUAGE AND SOFTWARE SKILLS

Languages: English (native speaker), French (advanced C1), German (advanced C1)
Statistical Software: R (advanced), Matlab (basic)

CAREER BREAKS / INTERRUPTIONS

2013-2014	Parental Leave (9 months)
2016-2017	Parental Leave (9 months)
2020-2021	Homeschooling / Home Daycare competing responsibilities (~6 months)