

Curriculum Vitae: Ina Danquah**Personal Data**

Title	Prof. Dr.
First name	Ina
Last name	Danquah
Current position	Hertz-Chair Innovation for Planetary Health (W3) and Director at Center for Development Research (ZEF)
Current institution(s)/site(s), country	Rheinische Friedrich-Wilhelms-Universität Bonn, Bonn, Germany
Identifiers/ORCID	https://orcid.org/0000-0003-3222-3498

**Qualifications and Career****Stages**

Degree program

Doctorate

Stages of
academic/professional
career**Periods and Details**

M.Sc. Epidemiology (2013-2016), London School of Hygiene and Tropical Medicine (LSHTM), London, United Kingdom

B.Sc. and M.Sc. (Diplom) Nutrition Science (2001-2007), University of Potsdam, Potsdam, Germany and University of Ghana, Legon-Accra, Ghana

2011: Dr. rer. medic., Supervisor: Frank P. Mockenhaupt, Institute of Tropical Medicine and International Health, Charité – Universitätsmedizin Berlin, Berlin, Germany

2024-2026: Guest Professor in Nutritional Epidemiology, Department of Public Health and Clinical Medicine, Umeå University, Umeå, Sweden

2019-2023: Robert Bosch Junior Professor 2019 for Research into the Sustainable Use of Natural Resources, Heidelberg Institute for Global Health (HIGH), Heidelberg University, Heidelberg, Germany

2016-2018: Habilitation in Epidemiology and Public Health, Institute for Social Sciences, Epidemiology and Health Economics, Charité – Universitätsmedizin Berlin, Berlin, Germany

2010-2019: Group leader, "Type 2 Diabetes in sub-Saharan African populations", German Institute for Human Nutrition Potsdam-Rehbrücke (DIfE), Nuthetal, Germany

Supplementary Career Information

- First-generation academic
- Three children (born 02/20005, 06/2008, 01/2014)
- Severe illness (01/2011-06/2012)

Activities in the Research System

Editorial and reviewer activities

- Reviewer for the German Global Health Alliance (GLOHRA) (since 2020)
- Reviewer for the German Research Foundation (DFG) (since 2018)
- *Journals peer-review:* PLoS One, Journal of International Health, Nutrition Journal, Nutrients, Public Health Nutrition, British Journal of Nutrition, Annals of Nutrition and Metabolism, Diabetes Research and Clinical Practice, Canadian Journal of Diabetes, BMC Public Health, BMC Infectious Diseases, BMC Pregnancy and Childbirth, BMC Obesity, Bundesgesundheitsblatt

Institutional responsibilities

- Since 2022** Member, Executive Committee, Data Science Initiative (DSI), Harvard School of Public Health, Boston and University of Kwa-Zulu Natal (UKZN), Durban
- Since 2021** Spokesperson, DFG Research Unit “Climate Change and Health in sub-Saharan Africa”
- Since 2020** Board member, Heidelberg Center for the Environment (HCE), Heidelberg University

Memberships of scientific societies

- Chair, Working Group “Diabetes & Migration”, German Diabetes Society (DDG) (since 2023)
- Member, German Society for Nutritional Medicine (DGEM) (since 2022)
- Member, German Society for Adiposity (DAG) (since 2021)
- Member, German Society of Epidemiology (DGEpi) (since 2017)
- Member, European Diabetes Epidemiology Group (EDEG) (since 2016)

Supervision of Researchers in Early Career Phases, last 5 years

- Dr. sc. hum. Tracy Bonsu Osei “Dietary behaviour and type 2 diabetes mellitus among sub-Saharan African populations under transition”, from 06/2019 to examination date 09/2024 – works as researcher at Max-Delbrück Center in Berlin
- Dr. sc. hum. Patricia Nayna Schwerdtle “The nexus of climate change, migration and health – Connecting the global literature with a local reality in Bangladesh”, from 02/2020 to examination date 10/2023 – works as a researcher at University Hospital Heidelberg
- Dr. rer. medic. Stephen Amoah “Approaches to improve African migrants’ health in Europe”, from 10/2017 to examination date 01/2023 – works as project manager for NGO “Afrikaherz e.V.” in Berlin
- Dr. med. Konstantin Weil “Nutrition Transition in Ouagadougou, Burkina Faso: Dietary patterns and socio-demographic characteristics”, from 10/2020 to examination date 01/2025 – works as a physician in Germany
- Dr. med. Silvan Griesel “Climate-sensitive health counselling by physicians: A qualitative study on the perceptions of patients in the outpatient sector in Germany”, from 10/2020 to examination date 07/2024 – works as a physician in Berlin
- Dr. med. Tobias Gottlieb-Stroh “Double Burden of Disease – The situation in rural Burkina Faso”, from 05/2018 to examination date 05/2023 – works as a physician in Vienna

- Dr. med. Melike Durak “Body perceptions and anthropometric measures for obesity as risk factors for cardio-metabolic diseases among people from Turkey living in Berlin and Essen”, from 02/2018 to examination date 09/2021 – works as a dentist in Istanbul

Scientific Results

Category A

- Danquah, I.,** Mank, I., Hampe, C. S., Meeks, K. A. C., Agyemang, C., et al. (2023). Subgroups of Adult-Onset Diabetes: A Data-Driven Cluster Analysis in a Ghanaian Population. *Scientific Reports*, 13(1). <https://doi.org/10.1038/s41598-023-37494-2>
- Quitmann, C., Griesel, S., Schwerdtle, P. N., **Danquah, I.**, Herrmann, A. (2023). Climate-Sensitive Health Counselling: A Scoping Review and Conceptual Framework. *The Lancet Planetary Health*, 7(7), e600–e610. [https://doi.org/10.1016/s2542-5196\(23\)00107-9](https://doi.org/10.1016/s2542-5196(23)00107-9)
- Osei, T.B., Van Dijk, A.-M., Dingerink, S., Chilunga, F. P., **Danquah, I.**, et al. (2021). Reduced Rank Regression-Derived Dietary Patterns Related to the Fatty Liver Index and Associations with Type 2 Diabetes Mellitus among Ghanaian Populations under Transition: The RODAM Study. *Nutrients*, 13(11), 3679. <https://doi.org/10.3390/nu13113679>
- Schwerdtle, P. N., McMichael, C., Mank, I., Sauerborn, R., **Danquah, I.**, et al. (2020). Health and Migration in the Context of a Changing Climate: A Systematic Literature Assessment. *Environmental Research Letters*, 15(10), 103006. <https://doi.org/10.1088/1748-9326/ab9ece>
- Graßmann, S., Pivovarova-Ramich, O., Henze, A., Raila, J., **Danquah, I.**, et al. (2020). SNP rs6564851 in the BCO1 Gene Is Associated with Varying Provitamin a Plasma Concentrations but Not with Retinol Concentrations among Adolescents from Rural Ghana. *Nutrients*, 12(6), 1786. <https://doi.org/10.3390/nu12061786>
- Utomo, D. A. M., Andriolo, V., Bärnighausen, T., **Danquah, I.** (2019). Linking Malaria in Pregnancy with Dietary Behavior of the Next Generation. *Brain Behavior and Immunity*, 80, 1–3. <https://doi.org/10.1016/j.bbi.2019.06.014>
- Danquah, I.**, Galbete, C., Meeks, K., Nicolaou, M., Klipstein-Grobusch, K., et al. (2018). Food Variety, Dietary Diversity, and Type 2 Diabetes in a Multi-Center Cross-Sectional Study Among Ghanaian Migrants in Europe and Their Compatriots in Ghana: The RODAM Study. *European Journal of Nutrition* 57, 2723-2733. <https://doi.org/10.1007/s00394-017-1538-4>
- Danquah, I.**, Dobrucky, C. L., Frank, L. K., Henze, A., Amoako, Y. A., et al. (2015). Vitamin A: Potential Misclassification of Vitamin A Status Among Patients with Type 2 Diabetes and Hypertension in Urban Ghana. *American Journal of Clinical Nutrition*, 102(1), 207–214. <https://doi.org/10.3945/ajcn.114.101345>
- Danquah, I.**, Bedu-Addo, G., Mockenhaupt, F.P. (2010). Type 2 Diabetes Mellitus and Increased Risk for Malaria Infection. *Emerging Infectious Diseases*, 16(10), 1601–1604. <https://doi.org/10.3201/eid1610.100399>
- Aponte, J.J., Schellenberg, D., Egan, A., ... , **Danquah, I.**, Menendez, C., et al. (2009). Efficacy and Safety of Intermittent Preventive Treatment with Sulfadoxine-Pyrimethamine for Malaria in African Infants: A Pooled Analysis of Six Randomised, Placebo-Controlled Trials. *The Lancet*, 374(9700), 1533–1542. [https://doi.org/10.1016/s0140-6736\(09\)61258-7](https://doi.org/10.1016/s0140-6736(09)61258-7)

Category B

Book chapters

- Danquah, I.** (2024). Ernährung im Einklang mit Planetaren Grenzen. In Geographische Rundschau – Planetary Gesundheit. Westermann Verlag.
- Danquah, I.** (2023). Diabetes und Migration: Wie groß ist das Problem? In Deutscher Gesundheitsbericht - Diabetes 2024. Wiesbaden; S. 162-166.
- Jakob, L., **Danquah, I.**, Siegel, E. (2022). Diabetes und Klimawandel. In Heidelberger Standards der Klimamedizin. Heidelberg; S. 103-108
- Danquah, I.** (2022). Felder mit Aktionsspielraum für ein Nachhaltiges Krankenhaus – Speiserversorgung. In Heidelberger Standards der Klimamedizin. Heidelberg; S. 157-162
- Griesel, S., **Danquah, I.**, Herrmann, A. (2022). Klimasensible Gesundheitsberatung und Klimakommunikation mit Patient: In Heidelberger Standards der Klimamedizin. Heidelberg; S. 238-244
- Herrmann, A. & **Danquah, I.** (2022). Klimawandel und Gesundheit aus Globaler Perspektive. DIVI Jahresbuch 2022/2023. MMV Medizinisch Wissenschaftliche Verlagsgesellschaft.
- Herrmann, A. & **Danquah, I.** (2021). Klimawandel und Gesundheit aus Globaler Perspektive - eine Übersicht über Risiken und Nebenwirkungen. Versorgungsreport Klima und Gesundheit. Berlin.

Commentaries and non-peer reviewed articles

- Herrmann, A., ..., **Danquah, I.**, et al. (2022). Integrating Planetary Health into Clinical Guidelines to Sustainably Transform Health Care. *Lancet Planet Health*. Mar 6(3):e184-e185.
- Şat, S., ..., **Danquah, I.**, et al. (2022). Diabetes und Migration in DDG-Praxisempfehlungen. *Diabetologie* 17 (S2): S411-S431.
- Danquah, I.** (2021). Klimawandel macht Krank – Warum Anpassung und Schutz Dringlich Sind, um Gesundheitliche Klimarisiken zu Vermeiden. *Internationale Politik Special* 6, November; 27-31.

Academic Distinctions

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|----------------|---|
| 05/2019 | Early Career Award, Applied Nutrition Science, Leibniz Kolleg University of Potsdam, Germany |
| 10/2017 | Potsdam Congress Award for organizing the best interdisciplinary conference in 2016/2017, Potsdam Research Network (PEARLS), Potsdam, Germany |
| 10/2016 | African Achievement Award, African German Network Association, Hamburg, Germany |
| 12/2012 | Ernst Reuter Prize for outstanding dissertations, Free University Berlin, Germany |