

## Maja E. Marcus, MA

### Professional Profile

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I am a development economist with a focus on global health. Understanding how health interlinks with socioeconomic gradients, policy, and health systems in low- and middle- income countries is what drives my main research interest. I believe that health is a basic human right and that people living in heavily resource-constrained environments face particular challenges in attaining this right. Thus, my aim as a researcher is to improve our understanding of the development health nexus and to identify policy strategies working towards universal health coverage. In this, my work primarily concentrates on the topics of noncommunicable diseases and the epidemiological transition.

### Current Positions & Collaborations

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2017 – Present	<p>PhD Candidate in Development Economics  <i>“Noncommunicable Diseases in Low- and Middle-Income Countries”</i>          Chair of Development Economics, University of Goettingen          Supervisor: Prof. Dr. Sebastian Vollmer</p>
2017 – Present	<p>Research collaborator  <i>“Harvard Project on Access to Care for Cardiometabolic Diseases in Low- and Middle-Income Countries (HPACC)”</i>          With Harvard TH Chan School of Public Health, University of Goettingen, and University of Heidelberg</p>
2020 – Present	<p>Research collaborator  <i>“Health and Aging in Africa: A Longitudinal Study of an INDEPTH Community in South Africa (HAALSI)” - HIV &amp; Treatment Focal Area</i>          With Harvard TH Chan School of Public Health, University of Witwatersrand in South Africa, and the INDEPTH Network</p>
2017 – Present	<p>Research Fellow          Lecturer and teaching assistant; researcher; organizational work; coordinator of DAAD EPOS scholarship          Chair of Development Economics &amp; Center for Modern Indian Studies, University of Goettingen</p>
2017 – Present	<p>Equal Opportunities Officer          Center for Modern Indian Studies, University of Goettingen</p>

### Education

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2020	<p>Research Stay at Harvard TH Chan School of Public Health          Harvard Center for Population and Development Studies</p>
2014 – 2017	<p>M.A. Development Economics          University of Goettingen, Germany</p>
2011 – 2014	<p>B.Sc. Economics          University of Bonn, Germany</p>

## Lead Author Publications

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\* Equal contribution / Joint first authorship publications

1. Marcus ME, Ebert C, Geldsetzer P, Theilmann M, Bicaba BW, Andall-Brereton G, Bovet P, Farzadfar F, Gurung MS, Houehanou C, Malekpour MR, Martins JS, Moghaddam SS, Mohammadi E, Norov B, Quesnel-Crooks S, Wong-McClure R, Davies JI, Hlatky MA, Atun R, Bärnighausen TW, Jaacks LM, Manne-Goehler J, Vollmer S (2021): [Unmet Need for Hypercholesterolemia Care in 35 Low- and Middle-Income Countries: A Cross-sectional Study of Nationally-representative Surveys](#). **PLOS Medicine**
2. \*Marcus ME, Reuter A, Rogge L, Vollmer S (2021): [Did you know? The effect of SMS reminders on health screening uptake in Indonesia](#). **CRC Discussion Paper (AEA Registry)**
3. \*Chavarría E, Diba F, Marcus ME, Marthoenis, Reuter A, Rogge L, Vollmer S (2021): [Knowing versus Doing: Protective Health Behavior against COVID-19 in Indonesia](#). **Journal of Development Studies**, 1-22

## Further Peer-Reviewed Publications

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4. van Empel E, De Vlieg RA, Harling G, **Marcus ME**, Kahn K, Bärnighausen TW, Montana L, Choko AT, Manne-Goehler J (2021) [Reaching for the "first 95": a cross-country analysis of HIV self-testing in 177,572 people in nine countries in sub-Saharan Africa](#). **AIDS**
5. Basu S, Flood D, Geldsetzer P, Theilmann M, **Marcus ME**, Ebert C, Mayige M, Wong-McClure R, Farzadfar F, Moghaddam SS, Agoudavi K, Norov B, Houehanou C, Andall-Brereton G, Gurung M, Brian G, Bovet P, Martins J, Atun R, Bärnighausen T, Vollmer S, Manne-Goehler J, Davies J (2021) [Estimated impact of increased diagnosis, treatment, and control of diabetes mellitus among LMICs: A microsimulation model](#). **The Lancet Global Health**
6. Teufel F, Seiglie JA, Geldsetzer P, Theilmann M, **Marcus ME**, Ebert C, Agoudavi K, Andall-Brereton G, Aryal KK, Bicaba BW, Brian G, Bovet P, Dorobantu M, Gathecha G, Gurung MS, Guwatudde D, Msaidié M, Houehanou C, Houinato D, Jorgensen J, Kagaruki GB, Karki KB, Labadarios D, Martins JS, Mayige MT, McClure RW, Mwangi JK, Mwalim O, Norov B, Quesnel-Crooks S, Silver BK, Sturua L, Tsabedze L, Wesseh CS, Stokes A, Essien UR, De Neve J-W, Atun R, Davies JI, Vollmer S, Bärnighausen T, Ali MK, Meigs JB, Wexler DJ, Manne-Goehler J (2021) [Body mass index and diabetes risk in 57 low- and middle-income countries: a cross-sectional study of nationally-representative individual-level data](#). **The Lancet**, 398: 238-248
7. Kirschbaum T, Theilmann M, Sudharsanan N, Manne-Goehler J, Lemp J, De Neve J-W, **Marcus ME**, Ebert C, Chen S, Aryal KK, Bahendeka SK, Bolormaa N, Damasceno A, Dorobantu M, Farzadfar F, Gurung MS, Guwatudde D, Labadarios D, Moghaddam SS, Webster J, Davies JI, Atun R, Vollmer S, Bärnighausen T, Jaacks LM, Geldsetzer P (2021) [Targeting hypertension screening in low- and middle-income countries: A cross-sectional analysis of 1.2 million adults in 56 countries](#). **Journal of the American Heart Association**, 10: e021063
8. Flood D, Seiglie JA, Dunn M, Tschida S, Theilmann M, **Marcus ME**, Brian G, Norov B, Mayige MT, Gurung MS, Aryal KK, Labadarios D, Dorobantu M, Silver BK, Bovet P, Jorgensen J, Guwatudde D, Houehanou C, Andall-Brereton G, Quesnel-Crooks S, Sturua L, Farzadfar F, Moghaddam S, Atun R, Vollmer S, Bärnighausen T, Davies JI, Wexler DJ, Geldsetzer P, Rohloff P, Ramírez-Zea M, Heisler M, Manne-Goehler J (2021) [The State of Diabetes Treatment Coverage in 55 Low- and Middle-Income Countries: A Cross-Sectional Study of Nationally Representative, Individual-Level Data in 680,102 Adults](#). **The Lancet Healthy Longevity**, 2(6): e340-e351
9. Peiris D, Ghosh A, Manne-Goehler J, Jaacks JM, Theilmann M, **Marcus ME**, Zhumadilov Z, Wesseh CS, Tsabedze L, Supiyev A, Sturua L, Silver BK, Sibai AM, Quesnel-Crooks S, Pelam DA, Norov B, Mwangi JK, Mwalim O, Wong-McClure R, Mayige MT, Martins JS, Lunet N, Labadarios D, Karki KB, Kagaruki GB, Jorgensen JMA, Hwalla NC, Houinato D, Houehanou C, Msaidié M, Guwatudde D, Gurung MS, Gathecha G, Damasceno A, Bicaba BW, Aryal KK, Andall-Brereton G, Agoudavi K, McKenzie B, Webster J, Atun R, Bärnighausen T, Vollmer S, Davies JI, Geldsetzer P (2021) [Cardiovascular disease risk profile and management practices in 45 low-income and middle-income countries: a cross sectional study of nationally representative individual-level survey data from 600,484 adults](#). **PLOS Medicine**, 18(3): e1003485.

## Further Peer-Reviewed Publications ctd.

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10. Davies JI, Reddiar SK, Hirschhorn LR, Ebert C, **Marcus ME**, Seiglie JA, Zhumadilov Z, Supiyev A, Sturua L, Silver BK, Sibai AM, Quesnel-Crooks S, Norov B, Mwangi JK, Mwalim O, McClure RW, Mayige MT, Martins JS, Lunet N, Labadarios D, Karki KB, Kagaruki GB, Jorgensen JMA, Hwalla NC, Houinato D, Houehanou C, Msaidie M, Guwatudde D, Gurung MS, Bovet P, Bicaba BW, Aryal KK, Andall-Brereton G, Brian G, Stokes A, Vollmer S, Bärnighausen T, Atun R, Geldsetzer R, Manne-Goehler J, Jaacks LM (2020) [Association between country preparedness indicators and quality clinical care for cardiovascular disease risk factors in 44 lower and middle income countries: A multi-country analysis of survey data](#). **PLOS Medicine**, 17(11): e1003268
11. Lemp J, De Neve JW, Bussmann H, Chen S, Manne-Goehler J, Theilmann M, **Marcus ME**, Ebert C, Probst C, Tsabedze L, Sturua L, Kibachio JM, Moghaddam S, Martins JS, Houinato D, Houehanou C, Gurung MS, Gathecha G, Farzadfar F, Dryden-Peterson S, Davies JI, Atun R, Vollmer S, Bärnighausen T, Geldsetzer P (2020) [Lifetime Prevalence of Cervical Cancer Screening in 55 Low- and Middle-Income Countries](#). **JAMA**, 324(15): 1532–1542
12. Teufel F, Geldsetzer P, Manne-Goehler J, Karlsson O, Koncz V, Deckert A, Theilmann M, **Marcus ME**, Ebert C, Seiglie J, Agoudavi K, Andall-Brereton G, Gathecha G, Gurung MS, Guwatudde D, Houehanou C, Hwalla N, Kagaruki GB, Karki KB, Labadarios D, Martins JS, Msaidie M, Norov B, Sibai AB, Sturua L, Tsabedze L, Wesseh CS, Davies J, Atun R, Vollmer S, Subramanian SV, Bärnighausen T, Jaacks L, De Neve J-W (2020) [Analysis of attained height and diabetes among 554,122 adults across 25 low- and middle-income countries](#). **Diabetes Care**, 43(10): 2403–2410
13. Seiglie JA, **Marcus ME**, Ebert C, Prodromidis N, Geldsetzer P, Theilmann M, Agoudavi K, Andall-Brereton G, Aryal KK, Bicaba BW, Bovet P, Brian G, Dorobantu M, Gathecha G, Singh Gurung M, Guwatudde D, Msaidie M, Houehanou C, Houinato D, Jorgensen JMA, Kagaruki GB, Karki KB, Labadarios D, Martins JS, Mayige MT, McClure RW, Mwangi JK, Mwalim O, Norov B, Quesnel-Crooks S, Silver BK, Sturua L, Tsabedze L, Stanford Wesseh C, Stokes A, Atun R, Davies JI, Vollmer S, Bärnighausen TW, Jaacks LM, Meigs JB, Wexler DJ, Manne-Goehler J (2020) [Diabetes Prevalence and Its Relationship With Education, Wealth, and BMI in Twenty-Nine Low- and Middle-Income Countries](#). **Diabetes Care**, Volume 43, Issue 2
14. Geldsetzer P, Manne-Goehler J, **Marcus ME**, Ebert C, Zhumadilov Z, Wesseh CS, Tsabedze L, Supiyev A, Sturua L, Silver BK, Sibai AM, Quesnel-Crooks S, Norov B, Mwangi JK, Mwalim O, McClure RW, Mayige MT, Martins JS, Lunet N, Labadarios D, Karki KB, Kagaruki GB, Jorgensen JMA, Hwalla NC, Houinato D, Houehanou C, Msaidie M, Guwatudde D, Gurung MS, Gathecha G, Dorobantu M, Damasceno A, Bovet P, Bicaba BW, Aryal KA, Andall-Brereton G, Agoudavi K, Stokes A, Davies JI, Bärnighausen T, Atun R, Vollmer S, Jaacks LM (2019) [The state of hypertension care in 44 low- and middle-income countries: a cross-sectional study of individual-level nationally representative data from 1.1 million adults](#). **The Lancet**, DOI: 10.1016/S0140-6736(19)30955-9
15. Manne-Goehler J, Geldsetzer P, Agoudavi K, Andall-Brereton G, Aryal KK, Bicaba BW, Bovet P, Brian G, Dorobantu M, Gathecha G, Gurung MS, Guwatudde D, Msaidie M, Houehanou C, Houinato D, Jorgensen JMA, Kagaruki GB, Karki KB, Labadarios D, Martins JS, Mayige MT, McClure RW, Mwalim O, Mwangi JK, Norov B, Quesnel-Crooks S, Silver BK, Sturua L, Tsabedze L, Wesseh CS, Stokes A, **Marcus ME**, Ebert C, Davies JI, Vollmer S, Atun R, Bärnighausen T, Jaacks L (2019) [Health system performance for people with diabetes in 28 low- and middle-income countries: A cross-sectional study of nationally representative surveys](#). **PLOS Medicine**, 16(3): e1002751

## Current Work & Working Papers

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[Noncommunicable Disease Perceptions in the Elderly of Aceh, Indonesia](#). Joint work with Farah Diba and Dr. Marthoenis from Syiah Kuala University as well as Anna Reuter, Lisa Rogge, and Prof. Dr. Sebastian Vollmer

[Individual Heterogeneity in Body Mass Index as a Measure of Vulnerability: A Multilevel Approach](#). Joint work with the HPACC team, Prof. Dr. Rockli Kim, Prof. Dr. Sankaran Venkata Subramanian, and Prof. Dr. Sebastian Vollmer

[Home HIV Testing for Older Adults and Their Family and Community Members: a Three-arm Randomized Controlled Trial in Rural South Africa](#). Joint work with the HAALSI team

## Teaching

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Winter Term 18/19	Master's Course "Poverty and Inequality" with Prof. Dr. Sebastian Vollmer and Dr. Janina Steinert
Summer Term 18	Master's Course "Essentials of Global Health" with Prof. Dr. Sebastian Vollmer
Winter Term 17/18	Master's Course "Quasi Experiments in Development Economics" with Prof. Dr. Sebastian Vollmer and Cara Ebert

## Scholarships & Grants

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2019 – Present	Friedrich-Ebert-Foundation's doctoral scholarship grant Funding amount: Approx. 60.000€ over 3 years
2017	German Academic Exchange Service's "Vortragsreise" grant Funding amount: 1.175€

## Invited Seminars & Conference Presentations

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2021	3 <sup>rd</sup> German Society for Health Economics (DGGÖ) PhD Workshop "Did you know? The effect of SMS reminders on health screening uptake in Indonesia."
2021	13 <sup>th</sup> Annual Conference, German Society for Health Economics (DGGÖ) "Did you know? The effect of SMS reminders on health screening uptake in Indonesia."
2021	14 <sup>th</sup> RGS Doctoral Conference in Economics "Did you know? The effect of SMS reminders on health screening uptake in Indonesia."

## Invited Seminars & Conference Presentations ctd.

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- 2020 Friday Luncheon Seminar, Harvard Center for Population and Development Studies  
“Noncommunicable Diseases in LMICs: The Global State of Care and Insights from a Screening Intervention in Indonesia”
- 2020 Development Economics Seminar, University of Goettingen  
“Perceptions and Knowledge on the Current Outbreak of COVID-19 in Aceh, Indonesia - First Findings”
- 2019 Guest Lecture, Syiah Kuala University, Indonesia  
“Access to Care for Cardiometabolic Diseases”
- 2018 PhD workshop “Health Economics and Development”, German Society for Health Economics (DGGÖ)  
“Health System Performance for Hyperlipidemia in Middle-Income Countries”
- 2017 Project on Access to Care for Cardiometabolic Diseases in Low- and Middle-Income Countries (HPACC) Launch, Harvard TH Chan School of Public Health  
“Health System Performance for Dyslipidemia in LMICs”