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Dr. med. Alina Herrmann
geb. Vandenberg

Profile

Alina is a medical doctor, who is interested in the link of health and sustainability. In particular she cares for climate change and health from the mitigation and adaptation perspective. Currently, she pursues her specialization in general medicine and is a guest researcher at the Heidelberg Institute of Global Health. She has written her thesis on climate change adaptation with a focus on how to implement heat health action plans at the level of general practitioners to protect the elderly from heat. Furthermore she worked on the HOPE-project (hope-project.net), which investigated the role of health co-benefits in households' preferences for reducing greenhouse-gas emissions.



Education

- Since 2018: Guest Researcher, Working Group Climate Change and Health, Heidelberg Institute of Global Health
- Since 2017: Resident at the Department of Internal Medicine, Kurpfalzkrankenhaus Heidelberg
- Since 2016: Scientist at Institute of Public Health, HOPE-Project
- 2014: Internship at World Health Organization (WHO), European Center for Environment and Health in Bonn, Germany
- 2013-2017: Doctoral Thesis on "General practitioners' role in preventing heat health impacts in the elderly in Baden-Württemberg, Germany" (Scholarship Holder of Klaus-Tschira-Foundation at the Network Aging Research Heidelberg)
- 2008-2015: Medical Studies at Medical Faculty of Heidelberg University (Scholarship Holder of Konrad-Adenauer-Stiftung e.V.)

Publications

- **Herrmann A**, Haefeli WE, Rapp K, Roigk P, Lindemann U, Becker C: CME zertifizierte Fortbildung – Epidemiologie und Prävention hitzebedingter Gesundheitsschäden älterer Menschen. Zeitschrift für Gerontologie und Geriatrie. Accepted June 2019
- **Herrmann A**, de Jong L, Kowalski C, Sauerborn R: Gesundheitliche Vorteile von Klimaschutzmaßnahmen – wie Haushalte und Politik profitieren können. Bundesgesundheitsblatt - Gesundheitsforschung - Gesundheitsschutz 2019.
- Amelung D, Fischer H, **Herrmann A**, Aall C, Louis VR, Becher H, Wilkinson P, Sauerborn R. Human health as a motivator for climate change mitigation: results from four European high-income countries. Global Environmental Change. 2019 Jul 1;57:101918.
- Becker C, **Herrmann A**, Haefeli WE, Rapp K, Lindemann U: Neue Wege zur Prävention gesundheitlicher Risiken und der Übersterblichkeit von älteren Menschen bei extremer Hitze. Bundesgesundheitsblatt - Gesundheitsforschung - Gesundheitsschutz 2019; 62(5):565-70.
- Dubois G, Sovacool B, Aall C, Nilsson M, Barbier C, **Herrmann A**, Bruyère S, Andersson C, Skold B, Nadaud F et al: It starts at home? Climate policies targeting household consumption and behavioral decisions are key to low-carbon futures. Energy Research & Social Science 2019, 52:144-158.

- Bothner F, Dorner F, **Herrmann A**, Fischer H, Sauerborn R: Explaining climate policies' popularity—An empirical study in four European countries. *Environmental Science & Policy* 2019, 92:34-45.
- Becker C, Haefeli WE, **Herrmann A**, Rapp K, Lindemann U: Vermeidung von hitzebedingter Übersterblichkeit, *Ärzteblatt Baden-Württemberg* 2018, ISSN 07203489, E1041
- Sköld B, Baltruszewicz M, Aall C, Andersson C, **Herrmann A**, Amelung D, Barbier C, Nilsson M, Bruyère S, Sauerborn R: Household Preferences to Reduce Their Greenhouse Gas Footprint: A Comparative Study from Four European Cities. *Sustainability* 2018, 10(11):4044
- **Herrmann A**, Sauerborn R: General Practitioners' Perceptions of Heat Health Impacts on the Elderly in the Face of Climate Change-A Qualitative Study in Baden-Württemberg, Germany. *International journal of environmental research and public health* 2018, 15(5).
- Wilkinson P, Fischer H, Louis V, **Herrmann A**, Amelung D, Barbier C, Dubois G, Nadaud F, Sköld B, Sauerborn R (2018) Multi-criteria assessment of household preferences for reducing greenhouse gas emissions: an analysis of household survey data from 4 European cities. *Global Public Health*. Accepted March 2019.
- **Herrmann A**, Fischer, H., Amelung, D., Litvine, D., Aal, C., Andersson, C., Baltruszewicz, M., Barbier, C., Bruyère, S., Louis, V.R., Bénévise, F., Dubois, F., Richardsen-Moberg, K., Nilsson, M, Sköld, B., Sauerborn, R. Household preferences for reducing greenhouse gas emissions in four European high-income countries: Does health information matter? A mixed-methods study protocol. *BMC Public Health*. 2017 Aug 1;18(1):71. doi: 10.1186/s12889-017-4604-1.
- Bunker, A., Wildenhain, J., **Vandenbergh, A.**, Henschke, N., Rocklöv, J., Hajat, S., Sauerborn, R. Effects of air temperature on climate-sensitive mortality and morbidity outcomes in the elderly: a systematic review and meta-analysis of epidemiological evidence. *EBioMedicine*. 2016;6:258–268.
- Augustin, J., Sauerborn, R., Burkart, K., Endlicher, W., **Herrmann, A.**, Jochner, S., Koppe, C., Menzel, A., Mücke. H.-G., „Klimawandel und Gesundheit“ in „Klimawandel in Deutschland. Entwicklung, Folgen, Risiken und Perspektiven“ Guy P. Brasseur, Daniela Jacob, Susanne Schuck-Zöller (Hrsgs) (2016) Berlin Heidelberg. DOI 10.1007/978-3-662-50397-3

Talks and Presentations at Scientific Conferences

- **Herrmann A**, Amelung D, Fischer H, Wilkinson P, Nilsson M, Barbier C, Dubois G, Aall C, Sauerborn R: Promoting health under the Paris Climate Agreement – results from a European mixed-methods study, Presentation, European Public Health Conference, Ljubljana 2018
- **Herrmann A**, Sauerborn R. Adaptation to climate change in Baden-Württemberg: The role of general practitioners in heat health action plans. Poster Presentation, Annual Congress of the German IPCC Focal Point, 26.-27.02.2018, Nauen, Germany.
- **Herrmann A**, Aall C., Amelung D., Fischer H., Dorner F., Sauerborn R. The crucial role of households and health in 1,5 C climate policies – a comparative survey from Mannheim. Aix-en-Provence, Bergen, and Umeå” Poster Presentation, Annual Congress of the German IPCC Focal Point, 20.-21.02.2017, Nauen, Germany.
- **Vandenbergh A**, Sauerborn R. "Prevention of adverse heat effects on elderly – a qualitative study among GPs in Germany”, Pitch Presentation, European Public Health Conference, Milan 2015
- **Vandenbergh A**, Sauerborn R. Gesundheitsschäden älterer Patienten in Hitzewellen - eine qualitative Studie zu Präventionsmöglichkeiten in der hausärztlichen Praxis in Baden-Württemberg., Posterpräsentation, 47. Kongress der Deutschen Gesellschaft für Allgemeinmedizin und Familienmedizin (DEGAM), München 2013

Invited Talks

- "Die Rolle von medizinischem Personal beim Schutz älterer Menschen in Hitzewellen", Eröffnungsveranstaltung zur Etablierung des Hitzeaktionsplans der Stadt Köln, 23.05.2019, Köln
- „Leistungsgrenzen und Verantwortung der Allgemeinmedizin“, Vortrag beim Workshop „Neue Wege zur Prävention hitzebedingter Todesfälle bei älteren Menschen“, Bundesgesundheitsministerium, Robert Bosch Stiftung, 11.12.2018, Berlin
- „Die Rolle der Hausärzte in der Prävention hitzebedingter Gesundheitsschäden älterer Menschen“, Vortrag beim Konsensus-Treffen „Hitzeschutz für die Bevölkerung“ des Bundesministeriums für Gesundheit und des Robert-Bosch-Krankenhauses Stuttgart, 31.01.2018, Stuttgart
- "Health co-benefits increase households' willingness to implement mitigation action", Presentation at the Side Event "Health as a driver of climate policy and green behavior" by Sauvons le Climate and University Hospital Heidelberg at COP 23, United Nations Climate Change Conference, 12.11.2017, Bonn, Germany
- "HOusehold Preferences for reducing greenhouse gas emissions in four European high-income countries", Presentation at the Side Event " JPI Climate - Providing climate knowledge to support societal innovation and transformation ", by Joint Program Initiative (JPI) Climate at COP 23, United Nations Climate Change Conference, 07.11.2017, Bonn, Germany
- „Hitzeschutz für die Bevölkerung“, Vortrag im Arbeitsforum D „Blickpunkt Gesellschaft“ auf der Fachkonferenz „Klimawandel und Anpassung im Südwesten Deutschlands“, Ministerium für Umwelt, Klima und Energiewirtschaft Baden-Württemberg, 17.10.2016, Stuttgart

Reviewer Activities

- PLOS One
- International Journal for Environmental Research and Public Health
- *Bundesgesundheitsblatt*
- Climate Policy
- Energy Research & Social Science
- Global Health Action

Societies

- *Deutsche Allianz für Klimawandel und Gesundheit*, KLUG e.V. (German Alliance for Climate Change and Health)
- *Deutsche Gesellschaft für Allgemeinmedizin und Familienmedizin*, DEGAM (German Society for General Practice and Family Medicine)