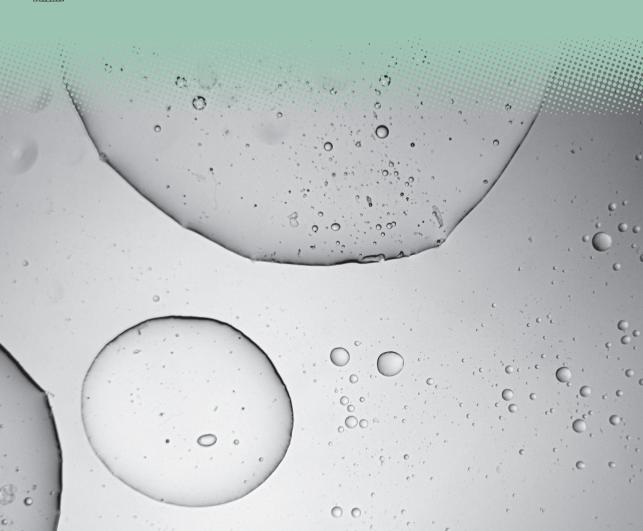


Lebensanfänge und -enden. Ethnographische Erkundungen und methodologische Reflexionen

Beginnings and Ends of Life. Ethnographic Explorations and Methodological Reflections



Impressum | Imprint

CURARE. ZEITSCHRIFT FÜR MEDIZINETHNOLOGIE 45 (2022) 2

Herausgegeben von der Arbeitsgemeinschaft Ethnologie und Medizin (AGEM) ISSN 0344-8622 ISBN 978-3-496-01694-6

CURARE, JOURNAL OF MEDICAL ANTHROPOLOGY 45 (2022) 2

Edited by the Association for Anthropology and Medicine (AGEM) ISSN 0344-8622 ISBN 978-3-496-01694-6

Herausgeber im Auftrag der AGEM e.V.

 ${\bf Editor\hbox{-}in\hbox{-}Chiefon\,behalf\,of\,AGEM\,e.\,V.}$

Ehler Voss (V.i.S.d.P.), ehler.voss@uni-bremen.de www.agem.de, info@agem.de

Redaktion | Editorial Board

Katrin Amelang (U Bremen), Clemens Eisenmann (U Konstanz), Janina Kehr (U Wien), Helmar Kurz (U Münster), Mirko Uhlig (U Mainz). Ehler Voss (U Bremen)

Postadresse | Postal Address

Redaktion Curare, Postfach 10 04 04, D-57004 Siegen

Wissenschaftlicher Beirat | Scientific Advisory Board

Karl Baier (U Wien), Josep M. Comelles (URV Tarragona), Alice Desclaux (U Montpellier), Katarina Greifeld (Frankfurt), Antonio Guerci (U Genova), Mihály Hoppál (Budapest), Michi Knecht (U Bremen), Sushrut Jadhav (UC London), Ruth Kutalek (MU Wien), Danuta Penkala-Gawęcka (U Poznań), Giovanni Pizza (U Perugia), Bernd Rieken (SFU Wien), William Sax (U Heidelberg), Hannes Stubbe (U Köln)

Begründet von | Founding Editors

Beatrix Pfleiderer (†), Gerhard Rudnitzki, Wulf Schiefenhövel, Ekkehard Schröder (Editor of Curare 2001–2017)

Verlag und Vertrieb | Publishing House

Dietrich Reimer Verlag GmbH Berliner Straße 53, 10713 Berlin Tel.+49 (0) 30 / 700 138 80 www.reimer-verlag.de, vertrieb@reimer-verlag.de

Bezug | Subscription

Der Bezug der *Curare* ist im Mitgliedsbeitrag der Arbeitsgemeinschaft Ethnologie und Medizin (AGEM) enthalten. Einzelne Ausgaben können über den Buchhandel oder direkt über den Verlag bezogen werden.

Subscription to *Curare* is included in the membership fee of the Association for Anthropology and Medicine (AGEM). Single copies can be purchased from booksellers or directly from the publisher.

Copyright

© 2022 Arbeitsgemeinschaft Ethnologie und Medizin e. V., korrigierte Ausgabe 2023.

Layout und Typografie | Layout and Typography

Nicolai Dollt, nicolai.dollt@mailbox.org

Satz | Typesetting

Nicolai Dollt, nicolai.dollt@mailbox.org

Umschlaggestaltung | Cover Design

Konzept: Troppo Design, www.troppodesign.de Umsetzung: Nicolai Dollt, nicolai.dollt@mailbox.org

Schriften | Fonts

Source Serif & Source Sans (Paul D. Hunt)

Begutachtungsverfahren | Peer Review Policy

Alle eingesandten Forschungsartikel werden nach einer positiven Evaluation durch die Redaktion einer Begutachtung im Doppelblindverfahren unterzogen.

After a positive evaluation by the editorial board, all submitted research manuscripts will be reviewed in a double-blind procedure.

Umschlagbild | Cover Picture

Wassertropfen auf blauer Oberfläche. Quelle: Unplash. Foto: Who's Denilo?, 17.11.2022, Unplash Licence (CC-0), https://unsplash.com/photos/Qa0sk7W2xHw

Water droplets on blue surface. Source: Unplash. Photo: Who's Denilo?, 17.11.2022, Unplash Licence (CC-0), https://unsplash.com/photos/Qa0sk7W2xHw



ZEITSCHRIFT FÜR MEDIZINETHNOLOGIE JOURNAL OF MEDICAL ANTHROPOLOGY

hg. von der Arbeitsgemeinschaft Ethnologie und Medizin (AGEM) ed. by the Association for Anthropology and Medicine (AGEM)

VOL. 45 (2022) 2 **EDITORIAL Editorial** 3 **EDITORIAL** DIE REDAKTION **SCHWERPUNKT Beginnings and Ends of Life** 5 Ethnographic Explorations and Methodological THEMATIC FOCUS Reflections EDITED BY JULIA REHSMANN & VERONIKA SIEGL The Beginnings and Ends of Life as a Magnifying 7 Glass for Ethnographic Research | Introduction to the Special Issue Julia Rehsmann & Veronika Siegl Afterlife Reverberations | Practices of Un/naming 17 in Ethnographic Research on Assisted Suicide MARCOS FREIRE DE ANDRADE NEVES Liminal Asymmetries | Making Sense of Transi-28 tion Dynamics in Relations with Dying Persons MIRA MENZFELD **Uncomfortable Care** | Feeling through Ways of 39 'Being With' as a Doula-Ethnographer MOLLY FITZPATRICK **FORSCHUNGSARTIKEL** Eine interdisziplinäre Betrachtung von 55 RESEARCH ARTICLES "Ganzheitlichkeit" in Komplementär- und Alternativmedizin JÜRGEN W. DOLLMANN **FORUM** Researching Pandemics from Below | An Interview 71 **FORUM** with the Medical Historian FRÉDÉRIC VAGNERON BY JANINA KEHR & EHLER VOSS

	Forschungspraxis, Diskriminierungsformen und Handlungsmöglichkeiten in der Pflege, Versorgung und Betreuung von trans*-Kindern und -Jugendlichen Ein Forschungsbericht MANUEL BOLZ & SABINE WÖHLKE	83
Lehrforum Teaching Forum	Teaching Multiplicities Von der Arbeit mit multi-medialen Arbeiten LISA LEHNER & MAGDALENA EITENBERGER	101
	On Bodies and Our Own Bodies Care and Vulnerability When Teaching about Death and Loss MARÍA FERNANDA OLARTE-SIERRA	106
BERICHTE REPORTS	Visual Expressions of Health, Illness and Healing Bericht zur 34. jährlichen Fachtagung der Arbeits- gemeinschaft Ethnologie und Medizin (AGEM) in Kooperation mit der Österreichischen Ethnomedizi- nischen Gesellschaft (ÖEG) und dem Weltmuseum in Wien, 2.–4. Juni 2022 HELMAR KURZ & KATHARINA SABERNIG	113
	Die Ruhe nach dem Sturm? Medikalisierte Alltage in Zeiten der Covid-19-Pandemie Bericht zum 19. Treffen des Netzwerks Gesundheit und Kultur in der volkskundlichen Forschung am 7. Juli 2022 Anna Palm	118
REZENSIONEN BOOK REVIEWS	EMILY PIERINI 2020 Jaguars of the Dawn. Spirit Mediumship in the Brazilian Vale do Amanhecer HELMAR KURZ	125
	JENNY HUBERMANN 2021 Transhumanism. From Ancestors to Avatars HELMAR KURZ	127
	Juli Zeh 2021 Über Menschen Ehler Voss	131
ZUSAMMENFASSUNGEN	Zusammenfassungen der Beiträge	137
ABSTRACTS RÉSUMÉS	Article Abstracts Résumés des articles	139
KESUMES	Resumes des articles	141
	Call for Papers Aims & Scope	147 148

Editorial

Wann beginnt menschliches Leben und wann endet es? Lebensanfänge und -enden sind intensive, aber auch intensiv diskutierte Momente, die weit über intime Situationen hinausgehen. Bioethische Gesetze zu ungeborenem Leben, Debatten zu Hirntod und Sterbehilfe oder weltweite Rückschritte in reproduktiven Rechten sind nur vier von vielen Themen, in denen die Grenzen von Leben, Lebensfähigkeit, Recht auf Leben und gutem Leben politisch und sozial verhandelt werden. Der vorliegende Schwerpunkt mit dem Titel "Ethnographische Erkundungen und methodologische Reflexionen über Lebensanfänge und -enden" zeigt sensibel auf, wie ethische und methodologische Herausforderungen, die sich bei Forschungen an Lebensanfängen und -enden stellen, ein Prisma für ethnographisches Arbeiten allgemein sind. Die Herausgeberinnen Iulia Rehsmann & Veronika Siegl lassen klassische und neuere medizinanthropologische Auseinandersetzungen mit Lebensanfängen und -enden Revue passieren, und demonstrieren, welche Politiken des Lebens und Sterbens dabei auf dem Spiel stehen. In den drei Forschungsartikeln, die Rehsmann und Siegl für den Schwerpunkt versammelt haben, wird deutlich, dass Fragen von Feldzugang, Positionalität, Verantwortung und Forschungsethik eine besondere Aufmerksamkeit zuteil wird, die in weniger sensiblen ethnographischen Forschungsfeldern bisweilen zu sehr in den Hintergrund rücken.

In einem von dem Schwerpunkt unabhängigen Artikel widmet sich der Arzt und Religionswissenschaftler Jürgen W. Dollmann der Frage nach der Verwendung des Begriffs der Ganzheitlichkeit in Komplementär- und Alternativmedizin. Im Anschluss führen wir unsere mittlerweile etablierte Rubrik "Lehrforum" fort, in der diesmal zum einen LISA LEHNER & MAGDALENA EITENBERGER über das multimediale Arbeiten und das Verhältnis von Wissenschaft und Öffentlichkeit nachdenken und zum anderen María Fernanda Olarte-Sierra über care und Verletzlichkeit beim Unterrichten der Themen Tod und Verlust reflektiert.

Nachdem wir mit dem vergangenen Heft zum Reimer-Verlag gewechselt sind, kommt ab dem kommenden Jahr eine weitere Neuerung hinzu, denn ab 2023 wird die *Curare* als Open Access Zeitschrift erscheinen, wobei wir weiterhin eine Druckversion bereitstellen werden.

Zuletzt möchten wir noch auf die nächste Jahrestagung der AGEM hinweisen, die unter dem Titel "Krisen, Körper, Kompetenzen: Methoden und Potentiale medizinanthropologischen Forschens" in Kooperation mit der Kommission Medizinanthropologie der Deutschen Gesellschaft für Empirische Kulturwissenschaft (DGEKW) vom 8.–9. September 2023 im Warburg Haus in Hamburg stattfinden wird. Ein Call for Papers findet sich am Ende dieser Ausgabe.

DIE REDAKTION

SCHWERPUNKTTHEMATIC FOCUS

Beginnings and Ends of Life Ethnographic Explorations and Methodological Reflections

EDITED BY
JULIA REHSMANN & VERONIKA SIEGL

The Beginnings and Ends of Life as a Magnifying Glass for Ethnographic Research

Introduction to the Special Issue

JULIA REHSMANN & VERONIKA SIEGL

With bans on assisted suicide recently ended in several European states, such as Germany and Austria, and (quasi) bans on abortion recently reinstated in Poland and the United States but lifted in countries such as Ireland, Colombia and Argentina, public discourse around the boundaries of life and death, and whose right it is to decide for or against them, has become highly politicized. The recent political developments prove that it is no longer possible to take once-established rights and restrictions for granted. A critical engagement with the beginnings and ends of life is thus timely, for scholars and activists alike.

Being universal and fundamentally life-changing human experiences (WOJTKOWIAK & MATHI-JSSEN 2022), the beginnings and ends of life can serve as a productive prism through which to understand society and culture (AULINO 2019; DA-VIS-FLOYD 2019; GARCIA 2016; GINSBURG & RAPP 1995; KAUFMAN 2015; LOCK 2002; VAN HOLLEN 2003). Taking this as a starting point, we argue that these experiences also serve as a magnifying glass for issues inherent in anthropological research and ethnographic fieldwork, while posing new questions relevant to an academic field that is called upon to remain self-critical and re-evaluate long-held traditions and taken-for-granted research practices, such as pseudonymization or conducting participant observation in sensitive contexts.

These questions are the focus of the present special issue, which brings together ethnographic research on the beginnings and ends of life, from MARCOS ANDRADE NEVES on transnational assisted suicide across Germany, the UK and Switzerland, to MIRA MENZFELD on dying in Germany and MOLLY FITZPATRICK on "natural birth" in Indonesia. This introduction will provide a conceptual and empirical framework for the three contributions. In the first part, we

briefly sketch how the beginnings and ends of life have been researched within anthropology, argue for the productivity of bringing these seemingly oppositional phenomena together and raise questions about the particularities of ethnographic research at the beginnings and ends of life. In the second part, we turn our attention to the politics of life and death. We show that, while the beginnings and ends of life are universal experiences, the way these play out in individual people's lives is highly structured by intersecting inequalities. In the concluding section, we return to the methodological issues raised above and introduce the individual contributions in greater detail.

Bringing the Beginnings and Ends of Life Together

Ethnographic engagements with the beginnings and ends of life have a long history within social anthropology. As SHARON KAUFMAN and LYNN MORGAN (2005) show in their elaborate review essay, this engagement has been subject to major transformations over time. While earlier studies scrutinized the beginnings and ends of life through the prism of structural-functionalism and in relation to religion, ritual, kinship and social cohesion, more recent studies have addressed these phenomena through the lenses of political economy, poststructuralism, globalization and postcolonialism (KAUFMAN & MORGAN 2005: 318f). They have shed light on local accommodations and adaptations of globally circulating bioscience, technologies, ethics and biopolitics, and expanded understandings of the affects, materialities and involvement of non-human actors at the beginnings and ends of life. Moreover, research in and beyond anthropology has pointed to the ambiguous boundaries between life and death – revealing how these are shaped by cultural, political and scientific negotiations (BENKEL & MEITZLER 2021; DAS & HAN 2016; KAUFMAN & MORGAN 2005, NIEDER & SCHNEIDER 2007) and pointing to the many ways in which life and death, care and violence, illness and healing fold into each other. The beginnings and ends of life, thus, cover a multitude of very different biological processes, social events and subjective experiences, including various forms birth, assisted reproduction, embryonic stem cell research, abortion, pre- and perinatal death, organ transplants, palliative care, assisted suicide, euthanasia, cryonics or spiritual ideas around afterlife and reincarnation.

Reflecting on the connections between the beginnings and ends of life offers productive opportunities for anthropologists to unpack methodological concerns that become highlighted by the particularities of these existential, and liminal, phenomena - an issue that so far little has been written about. It was exactly this reflection that formed the starting point for the present special issue. Our own research on commercial surrogacy and selective abortion (SIEGL 2018a, 2018b, forthcoming 2023) as well as organ transplants and palliative care (REHSMANN 2018, 2021, 2022; SOOM AMMANN & REHSMANN 2022) had spurred countless conversations between us and made us realize that we were grappling with similar methodological puzzles in very different research settings. Both being interested in the role of affects and emotions in ethnographic fieldwork (RE-HSMANN 2019; SIEGL 2019), we wanted to investigate the obstacles and opportunities that ethnographic explorations in these existential settings present for us as researchers, and how they complicate long-held anthropological assumptions concerning participant observation, as well as notions like vulnerability, emotionality and intimacy. Our interest in these questions was also fuelled by the way friends, relatives or fellow researchers reacted to the topics of our research - often with awe, commenting on how they thought these topics must be "depressing" or somehow particularly "difficult" to work on. But why are these topics thought to be more challenging than others?

Discussing the end of life, MARIAN KRAW-CZYK and NAOMI RICHARDS (2021: 409) criticize

assumptions that ethnographic research in this field poses more emotional challenges and requires more emotional intimacy than other fields of study. The authors argue against a romanticized view of ethnographic research on dying, that is, against an othering of this existential experience as inherently apart from other aspects of everyday life. While we fully support this argument, we contend that research on birthing and dying cannot be fully equated with other everyday experiences. Even following an integrative approach towards dying as part of life, questions to us as anthropologists nonetheless remain: What are the particularities of conducting research at the beginnings and ends of life? Are these settings somehow more intimate than others, do they require other modes of 'being-with', witnessing and participating? Are the research participants we encounter at the beginnings and ends of life somehow more vulnerable than others? How do we make sense of the existential gap between research participants and anthropologists conducting fieldwork on these matters? The "strength of the anthropological approach", as SJAAK VAN DER GEEST (2007: 10) puts it, lies in its transparency regarding its limits in fully capturing experiences of "pain, illness and suffering". If we accept the need for transparent humility, critical attentiveness and emotional reflexivity, ethnographic research on the beginnings and ends of life calls on us to look closely into the particularities of these settings, asking how they play out in anthropological research and what they tell us about the fields themselves.

The Politics of Life and Death

The fact that all human beings are born and die is often used as a basis to argue that we are all equal in relation to these existential events. Likewise, early anthropological engagements with these topics were often merely descriptive and comparative, focusing on how the beginnings and ends of life were shaped in specific cultures (e. g. HERTZ 1960; JORDAN 1978). Regarding the beginnings of life, it was only with the influence of the feminist movements in the 1970s and 1980s that scholarly engagement gradually became more analytical and political, with classic works by, for example, FAYE D. GINSBURG and RAYNA RAPP

(1995) or ROBBIE DAVIS-FLOYD (1992). Such later engagements have shown that birth and death are not uniform processes but rather are determined by factors such as race, class, gender, dis/ability, religion, nationality and others, as well as being entangled in local and global relations of power (DAS & HAN 2016; ENGELKE 2019; GINSBURG & RAPP 1995). Life and death, as these later works highlight, are inherently political.

The recently published report of the Lancet Commission on the Value of Death, for instance, refers to dying in the 21st century as a "story of paradox" (SALLNOW ET AL. 2022: 837) and stresses the global imbalance of some people being overtreated in hospitals, while most people worldwide remain un- or undertreated, lack sufficient access to healthcare or are even left to die. These unequal and deadly dynamics are captured by ACHILLE MBEMBE's (2003) concept of "necropolitics" and are also analyzed ethnographically in the works of JoÃo BIEHL (2001) and NANCY SCHEPER-HUGHES (1993), both of whom tease out the connections between poverty, marginalization, neglect and death in Brazil. Linking the beginnings and ends of life, recent works have revealed the immense impact of race and racialization on pregnancy, labour and maternal death in the United States (DAVIS 2019; MULLINGS 2021) or the impact of a highly bureaucratic postcolonial health system on maternal death in rural Tanzania (STRONG 2020). Here, the concept of "stratified reproduction" (COLEN 1995; GINSBURG & RAPP 1995) has been productive in order to think through the ways in which the reproductive futures of some are encouraged, while those of others are inhibited be it through high rates of maternal mortality, through forced or state-encouraged sterilization of peasant and working-class women (CHAPAR-RO-BUITRAGO 2022; RUDRAPPA 2012) or through the unequal distribution of and access to assisted and selective reproductive technologies (GAM-MELTOFT &WAHLBERG 2014; INHORN 2021; NAH-MAN 2016). Reproductive futures are also at stake in relation to the perceived safety of IVF treatments and the scientific and societal ignorance of the potentially harmful long-term effects of hormonal treatments, and the politico-economic dimensions that underlie these entanglements (JAIN 2013).

The development and spread of assisted reproductive technologies across the globe, particularly in high-income countries and among those with the means to afford them, are exemplary of the global rise of biomedicine. This rise has led to an increasing biomedicalization of birth and death with its focus on, among other things, epi/genetic risks, new diagnostic procedures and technoscientific innovations (CLARKE ET AL. 2003; CLARKE & SHIM 2011; DAVIS-FLOYD 1992; JORDAN 1993; KAUFMAN 2005, 2015; MAR-TIN 2001), with significant consequences for how birthing and dving are understood and practised. Under this "medical gaze" (FOUCAULT 2003), birthing and dying have moved from the home, family and community to clinical spaces their "management", thus, increasingly learned in institutions (Davenport 2000) and shut out of everyday life and familiar spaces (FRASER 1995; GOTTLIEB 1995; VAN HOLLEN 2003). This move came along with the devaluation of traditional knowledge and of the expertise of female-dominated fields like nursing and midwifery, being replaced by the authority of mostly white, male biomedical knowledge. This knowledge constructed the reproductive and the dying body as risky and flawed, in need of intervention, management and correction (CHADWICK & FOSTER 2014; DAVIS-FLOYD 1994; KAUFMAN 2015; MAR-TIN 2001; ROSE 2007; SIEGL 2018a). Counterintuitively, the move to the clinic has also cast the beginnings and ends of life as moments of ultimate privacy and vulnerability - moments that, thus, need to remain hidden in patients' rooms and well-guarded by clinical gatekeepers. This has had a fundamental impact on the im/possibilities of ethnographic research in such settings. While the introduction of ethics committees and informed consent procedures is, surely, to be welcomed in the context of clinic research, the streamlined approval forms, questionnaires and study protocols often fail to acknowledge the qualitative nature of anthropological research with its explorative and relational approach, its focus on open and narrative interviews as well as its inherently situative ethics. Furthermore, questions of pseudonymization, anonymization, of un/naming research participants, organizations and institutions are very differently framed and negotiated from a clinical or an anthropological ethics perspective. The move to the clinic has, thus, rendered much ethnographic research on the beginnings and ends of life difficult and almost impossible to conduct. Our own experiences in this field suggest that talk about "privacy" and "vulnerability", while primarily brought forward in the name of patients' interests, also serves to ward off critical research altogether (SIEGL forthcoming 2023). As a consequence, many supposedly ethical questions are increasingly turned into political ones, determined by the interests of individual clinics with their entanglements with pharma and other industries.

The move to the clinic and, with it, the increasing biomedicalization (CLARKE ET AL. 2003) and technologization around reproduction and endof-life care have allowed lives to be extended or ended, dying to be postponed or hastened, births to be scheduled, "anormal" pregnancies to be terminated, or reproduction to be outsourced or put on hold. These developments have significantly contributed to the re/making of life and death (ADRIAN 2020). As KAUFMAN and MORGAN point out, for those with access to the "new biomedical techniques, one's corporal materiality no longer imposes strict limits on the body or self" (2005: 330). This renegotiation of what were previously considered the natural limits of human life is tightly linked to the notions of (individual) choice and self-responsibility (RAPP 1999; ROSE 2007). Choices are never neutral but carry a moral imperative; it is the "right" or "appropriate" choice one must make, carrying with it the ever-dooming risk of choosing "wrongly". Recent ethnographies have shown the many ways in which people's dying and end-of-life are "choreographed" (STONINGTON 2020) and "scripted" (BUCHBIND-ER 2021), and how end-of-life decision-making is tied up with cultural complexities that question Western understandings of the individual and their rational decision-making (STAVRIANAKIS 2019; ZIVKOVIC 2021). Choices in the context of the beginnings and ends of life are saturated with ideas of potential and risks, of what these could be, of that which might happen. Choices around prenatal tests, choices about implantation, choices for or against life-prolonging treatments, choosing to end a life - one's own or that of another. Weighing risks, uncertainties and the potential consequences of one's choices. While

the contributions in this special issue focus on research outside the classical clinical institutions, they all relate to them, and partly come into being by people's choices to look for an alternative to biomedical approaches and clinical settings, from the choice to have a 'natural birth' in midwifery clinics (FITZPATRICK 2022), to deciding to end one's life in the flat of an assisted suicide organization (ANDRADE NEVES 2022), to the choices of terminally ill people in private homes and hospices (MENZFELD 2022). And yet: for most of the world's population, choices remain limited by unequal access to healthcare and it is those with more resources who are given the option to choose - be it the choice between clinics, for or against clinics, or for more or less medical intervention or care.

Methodological Reflections on Studying the Beginnings and Ends of Life

Reflections on the unequal dimensions of life and death are relevant not just in relation to the research topic per se but also in relation to methodological questions – including our positionality as anthropologists, own involvement in the fields we study and the entanglements between our private and professional lives.

Many scholars have detailed how ethnographic knowledge informs their personal encounters with the beginnings and ends of life, and vice versa - whether in the context of birth (GOTTLIEB 1995), assisted reproduction (JAIN 2013), pre- and perinatal loss (ADRIAN 2020; LAYNE 2003), the loss of friends and relatives (BEHAR 1996; REHS-MANN 2019; ROSALDO 1993; WACKERS 2016) as well as own experiences with life-threatening diagnoses (JAIN 2013; MARKS 2012). These accounts show how personal encounters can offer a "cognitive opening" (DAS 2020: 316) to understanding such existential experiences. Of these personal accounts, RUTH BEHAR's book The Vulnerable Observer (1996) is probably one of the most cherished ones, arguing that we should not try to separate the person from the anthropologist, but we need to make visible and work with our own histories, experiences and emotions. With this argument, BEHAR echoes other feminist calls for acknowledging the positionality, intersectionality and shifting power relations in fieldwork settings (ABU-LUGHOD 1990; BEHAR & GORDON 1995; DA-VIS & CRAVEN 2016; HARAWAY 1988; HARDING 2004; OAKLEY 1981; STACEY 1988).

What heightens the importance of reflecting on these issues in fieldwork settings at the beginnings and ends of life is the fact that both research participants and researcher often enter these settings without knowing beforehand how to negotiate them. Giving birth, at least for the first time, is not an "ordinary" experience in a person's life, as is dying. With little or no experience to draw upon, these encounters involve a lot of uncertainty. This aspect is taken up by MIRA MENZFELD'S contribution to this special issue. Drawing on Turner's thoughts on threshold and transition dynamics, MENZFELD argues that her ethnographic fieldwork with dying people in Germany was often marked by what she calls "liminal asymmetries" - since she herself was neither confronted with a lethal diagnosis nor in the process of dying herself. "Liminal asymmetries" refers to the fact that the dying find themselves in a betwixt-and-between state, from which they wish for a kind of liminal guidance and companionship that the researcher herself cannot offer: as well as the fact that there are crucial experience hierarchies in these research relationships, since the dying inhabit a very different mode of being and regard themselves as less privileged and agentic than the researcher. MENZFELD argues that being aware of and accepting these "liminal asymmetries" as well as explicitly naming them can help alleviate frustration and helplessness for both researchers and research participants.

Experiencing birth and death are also not ordinary experiences for most researchers. The lack of options to 'sufficiently' prepare for witnessing the death or birth of other people might be an explanation why some anthropologists identify a necessity or demand for some sort of "training" in preparation for fieldwork in such existential settings: For instance, Adrienne E. Strong (2020) and Molly Fitzpatrick (2022) underwent training as doulas, i. e. a non-medical birth support person, before starting fieldwork on birthing and midwifery practices, and Scott Stonington (2020) and Menzfeld (2022) underwent training as an end-of-life doula and a voluntary terminal carer respectively prior to

their ethnographic research on dying and end-oflife care. Training can help develop the right kind of sensitivity and self-confidence for encountering the beginnings and ends of life. Moreover, it can prepare us for fieldwork situations that might demand that we step out of the corner, out of the position of the observer. Becoming involved in settings of life and death - to assist, support, lend a hand and intervene - can be an inherently ethical demand in such settings, as it carries a different weight than involvements in less immediate life and death matters. The potential consequences of our actions, or inactions, tend to be significantly more pressing and irrevocable when it involves birth or death. Sometimes we act more than anticipated, which might cause us discomfort regarding our self-conception as anthropologists.

The demand to get involved in clinical and care work, to participate in daily tasks without having "proper" professional training, can not only be explained by the existential demands of giving birth or dying, but also emphasizes the fact that medical institutions, care homes, midwifery clinics, birthing centres and hospices are chronically understaffed and underresourced. In the contexts we discuss here, the lack of trained staff might quickly turn into a matter of immediate life and death - unlike in other contexts, in which the harmful effects of the privatization and underfunding of healthcare and the broader care sector materialize more slowly. STRONG, for example, refers to her motivation to train as a doula prior to fieldwork as "in the hopes of being useful" (2020: 18) in the Tanzanian clinic where she planned to conduct fieldwork. Besides concerns regarding sufficient personnel, her hope to be of use in the respective clinic hints at the sometimes-awkward position observing, waiting, chatting, scribbling ethnographers occupy in the diverging temporalities of medical settings amidst the rushing and waiting of nurses and doctors, patients and relatives. There is no easy role for anthropologists, who do not fit into the three common roles of the patient, the medical worker and the relative or visitor, and they may therefore appear as inappropriately occupying space and time (WIND 2008: 82f). The assumed need to be trained as a doula or terminal carer before fieldwork also points to implicit and explicit norms in these medical settings, which centre around expertise and formal knowledge. These are relevant not only regarding the question of how to intervene but also whether to intervene or not. While these questions depend to some degree also on whether one is allowed or feels able to intervene, to not intervene can also be a sign of expertise. Often the result of careful, expertise-driven and experience-based considerations, decisions to refrain from an intervention require a deep understanding of the matter at hand. This is as crucial for anthropologists as fieldworkers, as it is for midwives or doulas during birth (FITZPAT-RICK 2022; SKEIDE 2018) and terminal carers or palliative care professionals during people's dying (Andrade Neves 2022; Borgstrom, Cohn & DRIESSEN 2020; MENZFELD 2022).

The contributions in this special issue pick up on recent discussions in anthropology which emphasize different approaches to "participation" that encounters at the beginnings and ends of life demand. Similar to ANNEKATRIN SKEIDE (2018), who reflects on the proximity of the roles of midwives/doulas and ethnographers as witnesses, MOLLY FITZPATRICK (2022) argues that being a "doula-ethnographer" while doing fieldwork on natural birth in Bali meant combining the very similar characteristics of both fields, such as empathy, understanding, listening or stepping back with one's own assumptions and assessments in order to foreground the birthing woman. At the same time, being able to assist legitimized FITZ-PATRICK'S presence in these settings and provided her with an affective understanding of what giving birth meant to the women she accompanied in Bali. More so, she argues that the existential, intimate and emotional nature of such experiences creates the need for ethnographers to go beyond mere presence and engage in an affective and embodied way. But FITZPATRICK also cautions that providing care as an anthropologist does not dissolve the discomfort one might feel as "witness" to such experiences - rather, ethical questions regarding our presence and our role need to be negotiated again and again, from moment to moment. In sum, she makes a strong plea for moving from a mode of "being-there" to a mode of "being-with" when doing research on birth. In the context of palliative care and dying, "being-with" has also been conceptualized as a

form of participatory presence, an active passiveness or entering a situation without an agenda. Annelieke Driessen, Erica Borgstrom and Simon Cohn (2021), for instance, discuss the importance and qualities of "being-with" when caring for people at their end of life – an important feature of palliative care that became disrupted and often impossible to maintain during COVID-19 lockdown measures.

Thinking of the onto-hierarchical differences between researchers and research participants at the end of life (MENZFELD 2022), MARCOS AN-DRADE NEVES (2022) asks whether ethical preferences can outlive the people who make them. His article centres on the dilemma between acknowledging the importance of naming practices within political struggles for the right to assisted suicide and the anthropologist's responsibility in protecting research participants who - due to their death - will never have the opportunity to know how their stories will be told by the anthropologist. Based on his fieldwork on assisted suicide in the UK, Germany and Switzerland, AN-DRADE NEVES argues that we need to consider the "afterlife reverberations" of our research -"the affects and expectations that ripple in the aftermath of a research participant's death from their research choices made in life" (2022: 18). Considering these, ANDRADE NEVES contends that it might be the anthropologist's responsibility to re-evaluate research participants' choices and opt for unnaming rather than naming practices. In his contribution, what is 'ethical' becomes hard to grasp and contested. The article sheds light on the situational and temporal aspects of research ethics, which - as we have argued above - make it difficult to attend to ethical questions in a standardized way, as often proclaimed in clinical settings.

Concluding remarks

Taken together, the contributions to this special issue illustrate that ethnographic explorations at the beginnings and ends of life raise crucial questions for anthropology's methodological "tool-kit" of pseudonymization, participant observation, self-reflexivity and positionality. They also highlight how ethics in anthropological research is always situative and negotiated,

and, thus, transgresses clearly defined and neatly drawn definitions of most ethical boards and biomedical ethicists. In the existential moments of giving birth or dying, the presence of an ethnographer risks being perceived as awkward, inappropriate or unwelcomed - particularly in clinical settings, where anthropologists need to negotiate their roles and responsibilities not only with those birthing and dying, but also with clinical staff and within clinical routines, timelines and temporalities. These negotiations are evident also in settings that constitute alternative or complementary institutions to the clinic, such as the midwife-led birth clinic in Bali, the homes and hospices in Germany, or the semi-private spaces that facilitate assisted suicide in Switzerland.

As this special issue aims to maintain, the beginnings and ends of life serve as a magnifying glass - for ethnographic research and anthropological concepts, for questions concerning what 'ethical' means in these contexts, as well as for the political dimensions that run through these existential experiences. Access to maternal healthcare, as well as to alternatives to clinical care like midwife-led birthing centres, is as unequally distributed as access to competent palliative care at the end of life or the legal option and medical expertise for assisted dying. Giving birth and dying, as existential and universal as these experiences are, have, thus, inherent political dimensions. It is these which require us as anthropologists to remain critical and reflective of our doings, of the topics we choose to explore, the people we include in our research and our writing - keeping in mind how our doings potentially reverberate. The following contributions discuss these methodological and ethical issues and offer concepts that can be productively adapted to other research contexts. We hope that this special issue, although firmly grounded in the study of the beginnings and ends of life, will be an inspiration for researchers beyond this specific focus.

Notes

1 We use the term "white" in italics to point to the constructed nature of skin colour as a marker for differentiation and hierarchization (NDUKA-AGWU & HORN-SCHEIDT 2010: 32f).

References

- ABU-LUGHOD, LILA 1990. Can there be a feminist ethnography? Women & Performance: A Journal of Feminist Theory 5, 1: 7–27.
- ADRIAN, STINE 2020. Stitching stories of broken hearts. Living response-ably with the technologies of death and dying at the beginning of life. *Australian Feminist Studies* 35, 104: 155–69.
- ANDRADE NEVES, MARCOS 2022. Afterlife Reverberations: Practices of Un/naming in Ethnographic Research on Assisted Suicide. *Curare* 45, 2:15–25.
- AULINO, FELICITY 2019. *Rituals of Care. Karmic Politics in an Aging Thailand.* Ithaca: Cornell University Press.
- BEHAR, RUTH 1996. The Vulnerable Observer. Anthropology that Breaks Your Heart. Boston: Beacon Press.
- BEHAR, RUTH & GORDON, DEBORAH A. (eds) 1995. Women Writing Culture. Berkeley: University of California Press.
- BENKEL, THOMAS & MEITZLER, MATTHIAS (eds) 2021. Wissenssoziologie des Todes. Weinheim: Beltz.
- BIEHL, João 2001. Vita. Life in a zone of social abandonment. *Social Text* 19, 3: 131–49.
- BORGSTROM, ERICA; COHN, SIMON & DRIESSEN, ANNELIEKE 2020. "We come in as 'the nothing." Researching non-intervention in palliative care. *Medicine Anthropology Theory* 7: 202–13.
- BUCHBINDER, MARA 2021. Scripting Death. Stories of Assisted Dying in America. Oakland: University of California Press.
- CHADWICK, RACHELLE JOY & FOSTER, DON 2014. Negotiating risky bodies. Childbirth and constructions of risk. *Health, Risk & Society* 16: 68–83.
- CHAPARRO-BUITRAGO, JULIETA 2022. Debilitated lifeworlds. Women's narratives of forced sterilization as delinking from reproductive rights. *Medical Anthropology Quarterly* 36: 295–311.
- CLARKE, ADELE E. & SHIM, JANET 2011. Medicalization and biomedicalization revisited. Technoscience and transformations of health, illness and American medicine. In PESCOSOLIDO, BERNICE A.; MARTIN, JACK K.; MCLEOD, JANE D. & ROGERS, ANNE (eds) Handbook of the Sociology of Health, Illness, and Healing. New York: Springer: 173–99.
- CLARKE, ADELE E.; SHIM, JANET K.; MAMO, LAURA; FOSKET, JENNIFER RUTH & FISHMAN, JENNIFER R. 2003. Biomedicalization. Technoscientific transformations of health, illness, and US biomedicine. *American Sociological Review* 68, 2: 161–94.
- COLEN, SHELLEE 1995. Stratified reproduction and West Indian childcare workers and employers in New York. In GINSBURG, FAYE D. & RAPP, RAYNA (eds) Conceiving the New World Order: The Global Politics of Reproduction. Berkeley: University of California Press: 78–102.
- DAS, VEENA 2020. Textures of the Ordinary. Doing Anthropology after Wittgenstein. New York: Fordham University Press.
- DAS, VEENA & HAN, CLARA (eds) 2016. Living and Dying in the Contemporary World. A Compendium. Oakland: University of California Press.
- DAVENPORT, BEVERLEY ANN 2000. Witnessing and the medical gaze. How medical students learn to see at a free clinic for the homeless. *Medical Anthropology Quarterly* 14, 3: 310–27.

- DAVIS, DÁNA-AIN. 2019. Obstetric racism. The racial politics of pregnancy, labor, and birthing. *Medical Anthropology* 38.7:560–73.
- DAVIS, DÁNA-AIN & CRAVEN, CHRISTA 2016. Feminist Ethnography. Thinking through Methodologies, Challenges, and Possibilities. Lanham: Rowman & Littlefield.
- DAVIS-FLOYD, ROBBIE 1992. *Birth as an American Rite of Passage.* Berkeley: University of California Press.
- 1994. The technocratic body. American childbirth as cultural expression. *Social Science & Medicine* 38, 8: 1125–40.
- —— 2019. Contemporary birth. A global overview. Biomedical Journal of Scientific & Technical Research 20, 3: 15121–5.
- DRIESSEN, ANNELIEKE; BORGSTROM, ERICA & COHN, SIMON 2021. Ways of "being with." Caring for dying patients at the height of the COVID-19 pandemic. *Anthropology in Action* 28. 1: 16–20.
- ENGELKE, MATTHEW 2019. The anthropology of death revisited. *Annual Review of Anthropology* 48, 1: 29–44.
- FITZPATRICK, MOLLY 2022. Uncomfortable Care: Feeling through Ways of 'Being With' as a Doula-Ethnographer. *Curare* 45, 2: 37–50.
- FOUCAULT, MICHEL 2003. The Birth of the Clinic. An Archaeology of Medical Perception. London: Routledge [orig. 1963].
- FRASER, GERTRUDE J. 1995. African American Midwifery in the South. Dialogues of Birth, Race, and Memory. Cambridge, MA: Harvard University Press.
- GAMMELTOFT, TINE & WAHLBERG, AYO 2014. Selective reproductive technologies. *Annual Review of Anthropology* 43: 201–16.
- GARCIA, ANGELA 2016. Death as a resource for life. In DAS, VEE-NA & HAN, CLARA (eds) *Living and Lying in the Contemporary World. A Compendium*. Oakland: University of California Press: 316–28.
- GINSBURG, FAYE D. & RAPP, RAYNA (eds) 1995. Conceiving the New World Order. The Global Politics of Reproduction. Berkeley: University of California Press.
- GOTTLIEB, ALMA 1995. The anthropologist as mother. Reflections on childbirth observed and childbirth experienced. Anthropology Today 11, 3: 10–14.
- HARAWAY, DONNA 1988. Situated knowledges. The science question in feminism and the privilege of partial perspective. *Feminist Studies* 14, 3: 575–99.
- HARDING, SANDRA (ed) 2004. The Feminist Standpoint Theory Reader. Intellectual and Political Controversies. New York: Routledge.
- HERTZ, ROBERT 1960. Death and the Right Hand. London: Routledge [orig. 1907].
- INHORN, MARCIA 2021. Infertility, in vitro fertilization, and fertility preservation. In HAN, SALLIE & TOMORI, CECÍLIA (eds) The Routledge Handbook of Anthropology and Reproduction. London: Routledge: 217–32.
- JAIN, S. LOCHLANN 2013. Malignant. How Cancer Becomes Us. Berkeley: University of California Press.
- JORDAN, BRIGITTE 1993. Birth in Four Cultures. A Crosscultural Investigation of Childbirth in Yucatan, Holland, Sweden, and the United States. Long Grove: Waveland Press [orig. 1978].

- KAUFMAN, SHARON R. 2005. And a Time to Die. How American Hospitals Shape the End of Life. Chicago: University of Chicago Press.
- —— 2015. Ordinary Medicine. Extraordinary Treatments, Longer Lives, and Where to Draw the Line. Durham, NC: Duke University Press.
- KAUFMAN, SHARON R. & MORGAN, LYNN M. 2005. The anthropology of the beginning and ends of life. *Annual Review of Anthropology* 34: 317–41.
- KRAWCZYK, MARIAN & RICHARDS, NAOMI 2021. A critical rejoinder to "Life's end: Ethnographic Perspectives". Death Studies 45, 5: 405–12.
- LAYNE, LINDA. 2003. Motherhood Lost. A Feminist Account of Pregnancy Loss in America. London, New York: Routledge.
- LOCK, MARGARET 2002. Twice Dead. Organ Transplants and the Reinvention of Death. Berkeley: University of California Press.
- MARKS, HARRY M. 2012. Chemonotes. Social History of Medicine 25, 2: 520–39.
- MARTIN, EMILY 2001. The Woman in the Body. A Cultural Analysis of Reproduction. Boston: Beacon Press.
- MBEMBE, ACHILLE 2003. Necropolitics. *Public Culture* 15, 1: 11–40.
- MENZFELD, MIRA 2022. Liminal Asymmetries. Making Sense of Transition Dynamics in Relations with Dying Persons. *Curare* 45, 2: 26–36.
- MULLINGS, LEITH 2021. The necropolitics of reproduction. Racism, resistance, and the Sojourner Syndrome in the age of the movement for Black Lives. In HAN, SALLIE & TOMORI, CECÍLIA (eds) The Routledge Handbook of Anthropology and Reproduction. London: Routledge: 106–22.
- NAHMAN, MICHAL. 2016. Reproductive tourism, through the anthropological "reproscope". *Annual Review of Anthro*pology 45: 417–32.
- NDUKA-ÄGWU, ADIBELI & HORNSCHEIDT, ANTJE LANN 2010.

 Der Zusammenhang zwischen Rassismus und Sprache. In

 NDUKA-AGWU, ADIBELI & HORNSCHEIDT, ANTJE LANN (eds)

 Rassismus auf gut Deutsch. Ein kritisches Nachschlagewerk zu rassistischen Sprachhandlungen. Frankfurt a. M.:

 Brandes & Apsel Verlag GmbH: 11–59.
- NIEDER, LUDWIG & SCHNEIDER, WERNER (eds) 2007. Die Grenzen des menschlichen Lebens. Lebensbeginn und Lebensende aus sozial- und kulturwissenschaftlicher Sicht. Münster: LIT Verlag.
- OAKLEY, ANN 1981. Interviewing women. A contradiction in terms? In ROBERTS, HELEN (ed) *Doing Feminist Research*. London: Routledge: 30–61.
- RAPP, RAYNA 1999. Testing Women, Testing the Fetus. The Social Impact of Amniocentesis in America. New York: Routledge.
- REHSMANN, JULIA 2018. Confined live(r)s. Self-infliction and arbitrary survival in the German transplant system. *Anthropological Journal of European Cultures* 27, 2: 45–64.
- —— 2019. Dancing through the perfect storm. Encountering illness and death in the field and beyond. In STODULKA, THOMAS; DINKELAKER, SAMIA & TAJIB, FERDIANSYAH (eds) Affective Dimensions of Fieldwork and Ethnography. Cham: Springer: 189–200.

- —— 2021. Lists in flux, lives on hold? Technologies of waiting in liver transplant medicine. In VINDROLA-PADROS, CECILIA; VINDROLA-PADROS, BRUNO & LEE-CROSSETT, KYLE (eds) Immobility and Medicine. Exploring Stillness, Waiting and the In-between. Singapore: Palgrave Macmillan: 15–37.
- ——— 2022. Failing livers, anticipated futures and un/desired transplants. *Anthropology & Medicine* 29, 1: 92–106.
- ROSALDO, RENATO 1993. Grief and a headhunter's rage. In ROBBEN, ANTONIUS C.G.M. (ed) *Death, Mourning, and Burial. A Cross-Cultural Reader.* Oxford: Wiley Blackwell: 156–66.
- ROSE, NIKOLAS 2007. The Politics of Life Itself. Biomedicine, Power, and Subjectivity in the Twenty-First Century. Princeton: Princeton University Press.
- RUDRAPPA, SHARMILA 2012. Working India's reproductive assembly line. Surrogacy and reproductive rights? Western Humanities Review 66, 3: 77–101.
- SALLNOW, LIBBY ET AL. 2022. Report of the Lancet Commission on the Value of Death. Bringing death back into life. The Lancet 399: 837–84.
- SCHEPER-HUGHES, NANCY 1993. Death without Weeping. The Violence of Everyday Life in Brazil. Berkeley: University of California Press.
- SIEGL, VERONIKA 2018a. Aligning the affective body. Commercial surrogacy in Moscow and the emotional labour of Nastraivatsya. TSANTSA. Journal of the Swiss Anthropological Association 23: 63–72.
- —— 2018b. The ultimate argument. Evoking the affective powers of "happiness" in commercial surrogacy. *Anthropological Journal of European Cultures* 27, 2: 1–21.
- —— 2019. Uneasy thankfulness and the dilemma of balancing partiality in surrogacy research. In Stodulka, Thomas; Dinkelaker, Samia & Tajib, Ferdiansyah (eds) Affective Dimensions of Fieldwork and Ethnography. Cham: Springer: 87–96.
- ——forthcoming 2023. Intimate Strangers. Commercial Surrogacy in Russia and Ukraine, and the Making of Truth. Ithaca: Cornell University Press.

- SKEIDE, ANNEKATRIN 2018. Witnessing as an embodied practice in German midwifery care. In KRAUSE, FRANZISKA & BOLDT, JOACHIM (eds) *Care in Healthcare. Reflections on Theory and Practice.* Cham: Springer: 191–209.
- SOOM AMMANN, EVA & REHSMANN, JULIA 2022. Tinkering am Lebensende. Wie die Pflege das Sterben in der Institution gestaltet. In CADUFF, CORINA; AFZALI, MINOU; MÜLLER, FRANCIS & SOOM AMMANN, EVA (eds) Kontext Sterben. Zürich: Scheidegger & Spiess: 112–22.
- STACEY, JUDITH 1988. Can there be a feminist ethnography? Women's Studies International Forum 11, 1: 21–7.
- STAVRIANAKIS, ANTHONY 2019. Leaving. A Narrative of Assisted Suicide. Oakland: University of California Press.
- STONINGTON, SCOTT 2020. The Spirit Ambulance. Choreographing the End of Life in Thailand. Oakland: University of California Press.
- STRONG, ADRIENNE E. 2020. Documenting Death. Maternal Mortality and the Ethics of Care in Tanzania. Oakland: University of California Press.
- VAN DER GEEST, SJAAK 2007. Is it possible to understand illness and suffering? *Medische Antropologie* 19, 1: 9–21.
- VAN HOLLEN, CECILIA C. 2003. Birth on the Threshold. Childbirth and Modernity in South India. Berkeley: University of California Press.
- WACKERS, GER 2016. Recursive health care structures and choice in the manner of our dying. An auto-ethnographic account. *Qualitative Health Research* 26, 4: 452–65.
- WIND, GITTE 2008. Negotiated interactive observation. Doing fieldwork in hospital settings. Anthropology & Medicine 15, 2: 79–89.
- WOJTKOWIAK, JOANNA & MATHIJSSEN, BRENDA 2022. Birth and death. Studying ritual, embodied practices and spirituality at the start and end of life. *Religions* 13, 9: 820–6.
- ZIVKOVIC, TANYA 2021. Lifelines and end-of-life decision-making. An anthropological analysis of advance care directives in cross-cultural contexts. *Ethnos* 86, 4:767–85.

JULIA REHSMANN

Dr., is a social anthropologist and postdoctoral fellow at the Bern University of Applied Science and the University of Bern. As part of the interdisciplinary research project "Settings of Dying" (project no. 188869) she is currently conducting ethnographic research on palliative care in Switzerland, exploring how expertise and gender shape end-of-life care. For her PhD research, situated in the research project "Intimate Uncertainties" (SNSF project 149368), she explored liver transplants in Germany and examined how the high-tech field of transplant medicine is interwoven with moral and intimate questions about 'lives worth saving'. Together with Sarah Hildebrand, Gerhild Perl and Veronika Siegl she published the book "Hope", a collaboration between social anthropology, photography and literature.

Bern University of Applied Sciences, Department of Health Professions, Nursing Research Murtenstrasse 10, 3008 Bern, Switzerland julia.rehsmann@bfh.ch

VERONIKA SIEGL

Dr., is a social anthropologist and gender studies scholar. She is currently a Postdoc. Mobility Fellow of the SNSF and located at the University of Vienna, as a Senior Research Fellow, and the University of Cambridge, as a Visiting Scholar. Her work focuses on questions of ethics, inequality and autonomy in the context of medicine, technology and the body. In her current project, she explores how the category of "life" is negotiated in the context of prenatal testing and selective abortions in Austria. For her dissertation, she scrutinized how morals and values are employed to make sense of, judge, legitimise and govern the intimate and affective relations produced in the sphere of commercial surrogacy in and beyond Russia and Ukraine. Based on this research, her book "Intimate Strangers" will be published with Cornell University Press in 2023.

University of Vienna, Department of Social and Cultural Anthropology Universitätsstraße 7, 1010 Vienna, Austria veronika.siegl@univie.ac.at