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Mark Gaffley

Research ICT Africa

**Ethical Considerations of AI
in Health Care: A Prognosis
from Sub-Saharan Africa**

9 March 2023



Karin Jongsma

Utrecht University

**More than the sum of its parts?
The ethics of human-AI
collaboration in medicine**

6 April 2023



Giulia Cavaliere

King's College London

**How To (And Not To)
Theorise on Abortion in Light
of Technological Developments**

4 May 2023

Thursday
12.30 - 1.30 pm
via Zoom

Register here:



<https://eveeno.com/277764801>



V.i.S.d.P. Eva Maria Hille,
Am Hofgarten 8, 53113 Bonn

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Each month we invite international experts from a variety of fields to share their cutting-edge research with us. Enjoy your lunch and a 30-minute presentation, followed by 30 minutes of stimulating discussion and Q&A.

This new lunch series is organized by the team of the Chair of Social Ethics, University Bonn in collaboration with the Transdisciplinary Research Area "Life & Health" (TRA 3), University of Bonn and the Collaborative Research Centre EmpkinS.

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About Mark Gaffley

Mark Gaffley is an admitted attorney with over ten years of broad start-up, in-house legal and research experience gained through leading local and international companies and think tanks including Uber, Takealot, Media24, Human Sciences Research Council, and Research ICT Africa (RIA). At present he works at Research ICT Africa (RIA), as a Researcher and Project Manager: AI and has run his own legal consultancy for the past three years, .athinktank which undertakes law-focused AI research and advisory projects.

Mark holds degrees in arts (majoring in history and sociology) and law, both from the University of Cape Town (UCT). Currently, he is reading for his PhD in jurisprudence at UCT where his research focuses on certain ethical implications of artificial intelligence as it affects human decision-making and autonomy. He is a co-author of Human Rights and the Fourth Industrial Revolution in South Africa (HSRC Press, 2021), the first major investigation of the real and potential human rights implications of the 4IR in South Africa.

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Mark Gaffley

Research ICT Africa

Ethical Considerations of AI in Health Care: A Prognosis from Sub-Saharan Africa

This address is developed from a landscape study of AI policies and use in Southern Africa, commissioned by the UNESCO Regional Office for Southern Africa. In addition to reviewing “key policies, use cases, risks and opportunities for the design, development, governance and usage of responsible AI in the region”, the study included health and social well-being as a sector for analysis. Valuable insights were drawn from the study that depicts the nuanced ethical risks and challenges of AI use for the African continent, of which the Global North may be unaware. By selecting examples from the healthcare sector, this address seeks to highlight current (and future) healthcare policy focus areas in the region.

I also will present an ethical analysis of how the technology is being deployed in Southern Africa. Thereafter, using the UNESCO Recommendation on the Ethics of Artificial Intelligence as a framework, the ethical considerations, recommendations and opportunities identified for AI in healthcare are presented. Shifting to a moral inquiry, the address will conclude by interrogating the principle of fairness which is increasingly used as the ethical benchmark for healthcare machine-learning algorithms (Giovanola and Tiribelli, 2021) to assess whether [the sector] could benefit from any principles espoused in African ontologies.

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About Karin Jongsma

Dr. Karin Jongsma is associate professor of Bioethics at the UMC Utrecht in the Netherlands. She leads a research group focusing on the ethics of (bio)medical innovation. Her own research centers on the ethics of digital health & AI and the ethics of patient involvement.

More than the sum of its parts?

The ethics of human-AI collaboration in medicine

Combining the strengths of physicians and medical AI systems through collaboration is promoted in the academic literature as the best way forward to achieve the expected benefits of medical AI. However, how such collaboration should take shape and be ethically guided remains unclear and ethically opaque: Should AI serve as an equal to the physician (partner), take over tasks that it can do more accurately (substitute), or just assist the physician in their work (assistant)? These types of collaboration vary in a significant way: a partnership will demand different conditions and ethical norms than substitution or assistance. In this talk I will conceptually clarify how human-AI collaboration should be understood in order to discuss the required conditions and norms for realizing the expected benefits of these collaboration.

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About Giulia Cavaliere

Dr Giulia Cavaliere is a Lecturer in Medical Law & Ethics at the Centre of Medical Law & Ethics at King's College London, which she joined in September 2021.

Prior to this, Giuli spent two years at Lancaster University Medical School, where she worked as a Lecturer in Professional Practice, Values and Ethics. Giuli holds a BA and MA in Philosophy from the University of Bologna and the University of Trento in Italy, and a joint degree in Bioethics from KU Leuven (Belgium), Radboud University (The Netherlands) and the University of Padova (Italy). In 2015, Giuli moved to London to undertake a PhD in Bioethics at the Department of Global Health & Social Medicine at King's College London. Her doctoral research was supported by a Wellcome Trust PhD Studentship. Giuli received her PhD in 2019.

Giuli's background in philosophy and medical ethics shapes her research on ethical and political questions concerning procreative decisions, parental preferences, infertility and reproductive technologies. She adopts a broadly egalitarian perspective, and her work is informed by feminist theory.

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Giulia Cavaliere

King's College London

How To (And Not To) Theorise on Abortion in Light of Technological Developments

In the past few years, there has been renewed philosophical interest concerning the permissibility of abortion. Certain philosophers have argued that the possibility of ectogestation, i.e., artificial apparatuses that could sustain foetuses outside the maternal environment, calls into question the permissibility of abortion, for the termination of an unwanted pregnancy need not result in the death of the foetus.

In this talk, I respond to two sets of claims that have been advanced concerning the relationship between abortion and ectogestation: that ectogestation represents a “solution” or an “end” to the “problem” of abortion, and that the development of safe and effective ectogestation calls into question the legal and moral permissibility of abortion as we know it. In response to these claims, I defend the view that abortion-cum-ectogestation i.e., the termination of a pregnancy by extraction of the foetus from the pregnant person and its transfer into an artificial womb, is not an abortion at all, and that discussions on the permissibility of this novel possibility ought to be kept distinct from discussions on the permissibility of abortion.