



# ELSI FRIDAY FORUM

## Genetics and AI: Group Privacy and Fairness

**Date and time:** Friday, November 11 9am PT / 12pm ET

**Panelists:** Anya Prince, JD, MPP, Sandra Wachter, PhD, LLM

**Moderator:** Nicholson Price, JD, PhD

## Biographies

**Moderator:** Nicholson Price, JD, PhD

Biography: <https://michigan.law.umich.edu/faculty-and-scholarship/our-faculty/nicholson-price>

**Panelist:** Anya Prince, JD, MPP

Biography: <https://elsihub.org/directory/anya-er-prince>

**Panelist:** Sandra Wachter, PhD, LLM

Biography: <https://www.oii.ox.ac.uk/people/profiles/sandra-wachter/>

## ELSIhub Collections

ELSIhub Collections are essential reading lists on fundamental or emerging topics in ELSI, curated and explained by expert Collection Editors.

Please use the link to access the newest addition to this series, *Privacy, Security, and Nondiscrimination Best Practices for Direct-to-Consumer (DTC) Genetic Testing Companies*, curated by **Rachele Hendricks-Sturup, DHSc, MSc, MA**, Research Director of Real-World Evidence (RWE), Duke-Margolis Center for Health Policy and **Christine Lu, PhD, MSc**, Associate Professor, Harvard Pilgrim Health Care Institute and Harvard Medical School

<https://elsihub.org/collection/privacy-security-and-nondiscrimination-best-practices-direct-consumer-dtc-genetic>

Ethical and Legal Challenges Posed by the Implementation of AI Applications in the Healthcare Setting -



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<https://elsihub.org/index.php/collection/ethical-and-legal-challenges-posed-implementation-ai-applications-healthcare-setting>

Addressing Algorithmic Unfairness in Healthcare -

<https://elsihub.org/index.php/collection/addressing-algorithmic-unfairness-healthcare>

**Nicholson Price, JD, PhD**

Link to “Privacy in the Era of Medical Big Data” (2019):

<https://elsihub.org/publication/privacy-age-medical-big-data>

Link to “Medical AI & Contextual Bias” (2021):

<https://elsihub.org/publication/medical-ai-and-contextual-bias>

Link to “Exclusion Cycles: Reinforcing Disparities in Medicine” (2022):

<https://elsihub.org/publication/exclusion-cycles-reinforcing-disparities-medicine>

Link to “Respecting Autonomy and Enabling Diversity: The Effect of Eligibility And Enrollment On Research Data Demographics” (2021):

<https://elsihub.org/publication/respecting-autonomy-and-enabling-diversity-effect-eligibility-and-enrollment-research>

**Anya Prince, JD, MPP**

Link to “Privacy and the Genetic Community” (2022):

<https://elsihub.org/publication/privacy-and-genetic-community>

Link to “Proxy Discrimination in the Age of Artificial Intelligence and Big Data” (2020):

<https://elsihub.org/publication/proxy-discrimination-age-artificial-intelligence-and-big-data>

Link to paper “Reproductive Health Surveillance” (2022):

[https://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=4176557](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4176557)



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Link to article “I Tried to Keep My Pregnancy Secret” (2022):

<https://www.theatlantic.com/ideas/archive/2022/10/can-you-hide-your-pregnancy-era-big-data/671692/>

Link to “Location as Health” (2021): <https://elsihub.org/publication/location-health>

**Sandra Wachter, PhD, LLM**

Link to “How might your choice of browser affect your job prospects?” (2013):

<https://www.economist.com/the-economist-explains/2013/04/10/how-might-your-choice-of-browser-affect-your-job-prospects>

Link to “Facebook friends could change your credit score” (2013):

<https://money.cnn.com/2013/08/26/technology/social/facebook-credit-score/index.html>

Link to “The Theory of Artificial Immutability: Protecting Algorithmic Groups under Anti-Discrimination Law” (2022): <https://dx.doi.org/10.2139/ssrn.4099100>

**[On inferences, which is also part of the new data protection proposal in the UK]**

Link to “A Right to Reasonable Inferences: Re-Thinking Data Protection Law in the Age of Big Data and AI” (2018):

<https://elsihub.org/publication/right-reasonable-inferences-re-thinking-data-protection-law-age-big-data-and-ai>

**[On group privacy/rights and inferences]**

Link to “Affinity Profiling and Discrimination by Association in Online Behavioural Advertising” (2019):

<https://elsihub.org/publication/affinity-profiling-and-discrimination-association-online-behavioural-advertising>



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## **[On new groups that do not find protection under the law yet]**

Link to “The Theory of Artificial Immutability: Protecting Algorithmic Groups under Anti-Discrimination Law” (2022): <https://dx.doi.org/10.2139/ssrn.4099100>

## **[(im)possible Bias testing under EU law]**

Link to “Why Fairness Cannot Be Automated: Bridging the Gap Between EU Non-Discrimination Law and AI” (2021):

<https://elsihub.org/publication/why-fairness-cannot-be-automated-bridging-gap-between-eu-non-discrimination-law-and-ai>

## **[Different ideas of bias/fairness in EU and US]**

Link to “Bias Preservation in Machine Learning: The Legality of Fairness Metrics Under EU Non-Discrimination Law” (2021):

<https://elsihub.org/publication/bias-preservation-machine-learning-legality-fairness-metrics-under-eu-non>