



ELSI FRIDAY FORUM

Addressing Algorithmic Harms: Practices and Provocations for Health AI

Date and time: Friday, May 13, 9am PT / 12pm ET

Speakers: I. Glenn Cohen, JD and Melissa McCradden, PhD

Moderator: Kayte Spector-Bagdady, JD

Biographies

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Biography: <https://elsihub.org/directory/kayte-spector-bagdady>

Panelist: I. Glenn Cohen, JD

Biography: <https://hls.harvard.edu/faculty/directory/10176/Cohen>

Panelist: Melissa McCradden, PhD

Biography: <https://www.sickkids.ca/en/staff/m/melissa-mccradden/>

ELSIhub Collection

Ethical and Legal Challenges Posed by the Implementation of AI Applications in the Healthcare Setting curated by **Sara Gerke, Dipl-Jur Univ, MA**, Assistant Professor of Law, Penn State Dickinson Law

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

I. Glenn Cohen, JD

Link to Cohen (2020):

<https://www.law.georgetown.edu/georgetown-law-journal/in-print/volume-108/volume-108-issue-6-june-2020/informed-consent-and-medical-artificial-intelligence-what-to-tell-the-patient/>

Link to Price and Cohen (2019): <https://doi.org/10.1038/s41591-018-0272-7>

Link to Price et al (2019): <https://doi.org/10.1001/jama.2019.15064>



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Link to Babic et al (2019): <https://doi.org/10.1126/science.aay9547>

Link to Cohen et al (2020): <https://doi.org/10.1111/1468-0009.12481>

Link to Babic et al (Jan-Feb 2021):
<https://hbr.org/2021/01/when-machine-learning-goes-off-the-rails>

Link to Babic et al (July 2021): <https://doi.org/10.1126/science.abg1834>

Melissa McCradden, PhD

Link to AI in Medicine for Kids: <https://aim.sickkids.ca/>

Link to Twitter: <https://twitter.com/mmccradden?lang=en>

Link to Obermeyer et al (2019): <https://doi.org/10.1126/science.aax2342>

Link to Benjamin (2019): <https://doi.org/10.1126/science.aaz3873>

Link to Simonite (2021):
<https://www.wired.com/story/these-algorithms-look-x-rays-detect-your-race/>

Link to Banerjee et al (2021): <https://doi.org/10.48550/arXiv.2107.10356>

Link to McCradden et al (2020): <https://doi.org/10.1093/jamia/ocaa085>

Link to Oakden-Rayner et al (2019): <https://doi.org/10.48550/arXiv.1909.12475>

Link to Spector-Bagdady et al (2022): <https://doi.org/10.1080/15265161.2022.2059206>

Link to Hutchinson and Mitchell (2019): <https://doi.org/10.48550/arXiv.1811.10104>

Link to Suresh and Gutttag (2019): <https://doi.org/10.48550/arXiv.1901.10002>



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Link to Hajian and Domingo-Ferrer (2013): https://doi.org/10.1007/978-3-642-30487-3_13

Link to Kamiran et al (2013): <https://doi.org/10.1007/s10115-012-0584-8>

Link to Kamiran and Calders (2012): <https://doi.org/10.1007/s10115-011-0463-8>

Link to Zafar et al (2017): <https://doi.org/10.48550/arXiv.1610.08452>

Link to Zemel et al (2013): <https://proceedings.mlr.press/v28/zemel13.html>

Link to Hardt et al (2016): <https://doi.org/10.48550/arXiv.1610.02413>

Link to Corbett-Davies and Goel (2018): <https://doi.org/10.48550/arXiv.1808.00023>

Link to McCradden et al (2020): [https://doi.org/10.1016/S2589-7500\(20\)30065-0](https://doi.org/10.1016/S2589-7500(20)30065-0)

Link to Kaposy (2018): <https://mitpress.mit.edu/books/choosing-down-syndrome>

Link to Suresh and Guttag (2021): <https://doi.org/10.21428/2c646de5.c16a07bb>

Link to New York Times article:

<https://www.nytimes.com/2019/01/31/opinion/ai-bias-healthcare.html>

Link to The American Journal of Bioethics, Volume 22, Issue 5 (2022):

<https://www.tandfonline.com/toc/uajb20/current>

Link to Sounderajah, McCradden, et al (2022): <https://doi.org/10.1038/s42256-022-00479-3>

Link to Park et al (2021): <https://doi.org/10.1001/jamanetworkopen.2021.3909>

Link to Vyas et al (2020): <https://doi.org/10.1056/NEJMms2004740>



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Link to American Academy of Pediatrics news release:

<https://www.aap.org/en/news-room/news-releases/aap/2022/american-academy-of-pediatrics-calls-for-elimination-of-race-based-medicine/>

Link to Birhane (2021): <https://doi.org/10.1016/j.patter.2021.100205>

Link to Birhane (2022): <https://arxiv.org/abs/2205.04221v1>