

ELSI conversations

Session Title: An Overview of PGx Testing from an ELSI, Psychology, and Psychiatry Perspective

Date and time: Friday March 29, 2024, 12-1 pm ET | 9-10 am PT

Presenters: Nzinga Harrison, M.D., DFAPA, Sandra Yankah, PhD, Rachele Hendricks Sturup, DHSc, MSc, MA

Moderator: Rachele Hendricks Sturup, DHSc, MSc, MA

CERA Coordinator: Sandra Soo-Jin Lee, PhD

Biographies:

Panelist: Sandra Yankah, PhD

Biography: <https://healthpolicy.duke.edu/people/sandra-e-yankah-phd>

Panelist: Nzinga Harrison, M.D., DFAPA

Biography: <https://www.nzingaharrisonmd.com/>

Moderator & Panelist: Rachele Hendricks Sturup, DHSc, MSc, MA

Biography: <https://healthpolicy.duke.edu/people/rachele-hendricks-sturup-dhsc-msc-ma>

Resources from our speakers:

Rachele Hendricks-Sturup

[Slide 13]

Link to FDA Privacy Act regulations (21 CFR Part 21):

<https://www.ecfr.gov/current/title-21/chapter-I/subchapter-A/part-21>

Link to HHS Privacy Act regulations (45 CFR Part 5b):

<https://www.ecfr.gov/current/title-45/subtitle-A/subchapter-A/part-5b>

Link to Genetic Information and Nondiscrimination Act of 2008 (GINA)

<https://www.hhs.gov/hipaa/for-professionals/special-topics/genetic-information/index.html#:~:text=The%20Genetic%20Information%20Nondiscrimination%20Act,health%20coverage%20and%20in%20employment>

CERA/ELSIhub Resources

Please join us for the second ELSI conversations session in this series next Friday on April 5th at 12pm EST. This session is entitled, “Pharmacogenomic Testing in Psychiatric Care: Exploring Ethical and Regulatory Frontiers”:

<https://us06web.zoom.us/meeting/register/tZYld-CvrjgiGtP5gSZIDYpnzlf0B5C7NueH#/registration>

The upcoming April EFF will examine the visual representations of genetics in television and film and their significance for ELSI research.

https://us06web.zoom.us/webinar/register/7217103516694/WN_6vSbV_nuQxyJCsG_-YgaSA#/registration

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A curated set of resources on ELSIhub for educators:

<https://elsihub.org/news/elsihub-resources-educators>

Audience Contributions

Link to “Groundbreaking new report recommends genetic testing for certain mental illnesses (2023)”:

<https://www.rcpsych.ac.uk/news-and-features/latest-news/detail/2023/10/19/groundbreaking-new-report-recommends-genetic-testing-for-certain-mental-illnesses>

Link to “CPIC® Guideline for Serotonin Reuptake Inhibitor Antidepressants and CYP2D6, CYP2C19, CYP2B6, SLC6A4, and HTR2A”:

<https://cpicpgx.org/guidelines/cpic-guideline-for-ssri-and-snri-antidepressants/>

Link to CPIC site:

<https://cpicpgx.org/>

Link to “The PREPARE study: benefits of pharmacogenetic testing are unclear”:

[https://www.thelancet.com/journals/lancet/article/PIIS0140-6736\(23\)00854-1/fulltext](https://www.thelancet.com/journals/lancet/article/PIIS0140-6736(23)00854-1/fulltext)

Link to “Effectiveness of pharmacogenomic tests including *CYP2D6* and *CYP2C19* genomic variants for guiding the treatment of depressive disorders: Systematic review and meta-analysis of randomised controlled trials”:

<https://www.sciencedirect.com/science/article/abs/pii/S0149763422004547?via%3Dihub>

Link to “State v. Bristol-Myers Squibb Co.”:

<https://law.justia.com/cases/hawaii/supreme-court/2023/scap-21-0000363.html>

Link to “Ancestry may confound genetic machine learning: Candidate-gene prediction of opioid use disorder as an example”:

<https://pubmed.ncbi.nlm.nih.gov/34710714/>

Link to PharmGKB:

<https://www.pharmgkb.org/>