

# ELSI Conversations

**Session Title:** Exploring Ethical, Equity, and Regulatory Implications for Pharmacogenomics Implementation in Psychiatric Care Settings

**Date and time:** Friday April 5, 2024, 12-1 pm ET | 9-10 am PT

**Presenters:** Deepak Voora, M.D; Robert (Bob) Schuck, PharmD, PhD; Gary Proctor, M.D. Sandra E. Yankah, PhD

**Moderator:** Rachele Hendricks Sturup, DHSc, MSc, MA

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## Biographies:

**Panelist:** Deepak Voora, M.D

**Biography:** <https://medicine.duke.edu/profile/deepak-voora>

**Panelist:** Robert (Bob) Schuck, PhD

**Biography:** <https://www.linkedin.com/in/robert-schuck-93079659/>

**Panelist:** Gary Proctor, M.D.

**Biography:** <https://www.carelonhealth.com/perspectives/chronic-illness-mental-health>

**Moderator:** Rachele Hendricks Sturup, DHSc, MSc, MA

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

**Speaker:** Sandra Yankah, PhD

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

## Resources from our speakers:

### Deepak Voora, M.D

[Slide 3]

Link to VHA Sites of care:

<https://phoenixmed.arizona.edu/sites/default/files/depts/medicine/clinical-data/voora-phaser-collaboration.pdf>

<https://cpicpgx.org/wp-content/uploads/2023/01/VooraCPIC2023sharing.pdf>

**[Slide 7]**

Link to MVP cohort characteristics:

[https://www.va.gov/RAC-GWVI/meetings/Jan2022/9\\_Muralidhar\\_RACGWVI\\_Briefing\\_REVIS\\_ED\\_SM\\_compl.pdf](https://www.va.gov/RAC-GWVI/meetings/Jan2022/9_Muralidhar_RACGWVI_Briefing_REVIS_ED_SM_compl.pdf)

**[Slide 9]**

Link to Prime CARE Trial Site: [https://www.mirecc.va.gov/visn4/primecare/prime\\_care.asp](https://www.mirecc.va.gov/visn4/primecare/prime_care.asp)

Link to “Effect of Pharmacogenomic Testing for Drug-Gene Interactions on Medication Selection and Remission of Symptoms in Major Depressive Disorder, The PRIME Care Randomized Clinical Trial”: <https://jamanetwork.com/journals/jama/fullarticle/2794053>

**[Slide 12]**

Link to VA pharmacogenomics Implementation Map:

<https://cpicpgx.org/wp-content/uploads/2023/01/VooraCPIC2023sharing.pdf>

**Resources from Robert Schuck, PhD**

**[Slide 2]**

Link to “Leveraging Genomic Factors to Improve Benefit–Risk”:

<https://ascpt.onlinelibrary.wiley.com/doi/10.1111/cts.12439>

Link to “Is This the Drug or Dose for You?: Impact and Consideration of Ethnic Factors in Global Drug Development, Regulatory Review, and Clinical Practice”

<https://ascpt.onlinelibrary.wiley.com/doi/abs/10.1038/clpt.2008.144>

**[Slide 3]**

Link to “Evidence, in Context: A Regulatory Perspective on Pharmacogenetics”

<https://ascpt.onlinelibrary.wiley.com/doi/10.1002/cpt.2347>

**[Slide 4]**

Link to Drug Products Labeling Information:

<https://www.accessdata.fda.gov/scripts/cder/daf/index.cfm>

Link to Table of Pharmacogenetic Associations:

<https://www.fda.gov/medical-devices/precision-medicine/table-pharmacogenetic-associations>

Link to Table of Pharmacogenomic Biomarkers in Drug Labeling:

<https://www.fda.gov/drugs/science-and-research-drugs/table-pharmacogenomic-biomarkers-drug-labeling>

Link to FDA Guidances: <https://www.fda.gov/industry/fda-basics-industry/guidances>

### **CERA/ELSIhub Resources**

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

[https://us06web.zoom.us/webinar/register/7217103516694/WN\\_6vSbV\\_nuQxyJCsG\\_-YgaSA#/registration](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 “What is CPIC”:

<https://cpicpgx.org/>

Link to PharmGKB website:

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

Genotype Selection Interface tool on PharmGKB:

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