

Abstract: Common Measures for the Tobacco Centers of Regulatory Science (TCORS)

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The goals of the *Common Measures for the Tobacco Centers of Regulatory Science* (TCORS) Administrative Supplement are (1) to map TCORS measures to PhenX (consensus measures for **Phenotypes** and **eXposures**) measures as identical, comparable, or related; (2) to promote collaboration and inclusion of PhenX measures across all TCORS studies; and (3) to identify shared (non-PhenX) measures among TCORS studies that may be of interest to TRSP Working Groups (WGs). Building on the success of PhenX RISING (**R**eal world, **I**mplemental, **S**har**I**NG), we intend for this project to demonstrate the positive impact of collaboration, use of common measures, and data sharing on scientific research. The results of this effort will benefit the TCORS community, FDA/TRSP, NHGRI, and the broader scientific community. The goals of this Administrative Supplement relate to Specific Aims 3 and 4 of the *Genomics Resource Grant for PhenX Toolkit* (U41 HG007050).

Specific Aim 3. Map PhenX Measures to Studies in the database of Genotypes and Phenotypes (dbGaP).

- Mapping criteria and results of pilot study.
- Mapping additional dbGaP studies to PhenX.
- Discuss ramifications of variable mapping for PhenX Toolkit and dbGaP users.

Specific Aim 4. Expand Existing and Build New Collaborations

- Collaborate with other groups that are building collections of measures, such as the NIH Toolbox and Patient Reported Outcomes Measurement Informamiton System (PROMIS).
- Collaborate with groups who are collecting data and would benefit from use of standard measures such as the Personal Genome Project (PGP) and the Million Veteran Program (MVP).