Personalized Genomics Informed Medicine
GOALS FOR THIS MEETING

To consider the processes and resources needed:
• to collect potentially clinically relevant variants,
• decide whether they are actionable and what the action should be,
• to provide this information for clinical use.
Questions to Consider

• What criteria need to be met to consider a genetic variant (or pattern of genetic variants) clinically actionable?

• Do we have adequate data sets and accessible databases to provide the data on genetic variants and the evidence supporting clinical actionability?
More Questions to Consider

- What is necessary to integrate those datasets/evidence into EHR and into clinical use?
- How do we create a dynamic “loop” that recognizes the anticipated rapid increase in available evidence and upgrades clinical actionability recommendations?
- What decision support and physician education will be needed in the clinics?
Workshop topics

• Perspectives on Existing Genetic Variation Resources
• Current Approaches for Identifying Genetic Variants for Clinical Use
• Developing Consensus for Binning Variants for Clinical Use
• Creating a Translation Loop for Genomic Medicine
• Translating actionable variants into evidence-based practice