ClinGen Variant Curation Training, Level 1

Version 1, Approved: January 17, 2019

Level 1 variant curation training aims to familiarize variant biocurators with general variant assessment information and ClinGen procedures/resources. This information applies to all biocurators, regardless of the variant curation expert panel (VCEP) they ultimately join.

Level 1 Training Modules

All materials can be accessed via this page:
https://www.clinicalgenome.org/curation-activities/variant-pathogenicity/training-materials/

- **Required**
  - Read the current ACMG/AMP sequence variant interpretation guideline (Richards et al. 2015)
  - Read the ClinGen Variant Curation SOP. This document contains all current general Sequence Variant Interpretation Working Group (SVI) recommendations
  - Watch video on literature searching for variant curation
  - Watch video on registering alleles with ClinGen allele registry
  - Attend one live 90 minute web conference
    - ~60 minutes will be a VCI tutorial
    - ~30 minutes will be available for questions, including questions on any of the other training materials
    - Note: Attendance for this web conference will be recorded via a survey link that will be displayed at the beginning and end of the call. You MUST fill out this attendance survey in order to receive credit for this event and to an attestation form (see below).
- **Optional**
  - Watch variant curation overview lecture presented by Steven Harrison at the "Interpreting Genomes for Rare Disease" workshop hosted by the Broad
  - Read the VCI Help Document

Once all steps are completed, the biocurator will receive an attestation form to fill out. The attestation form will be kept in a personalized folder within ClinGen's "Variant Curation" Google drive. Variant biocurators will receive a link to their personal folder upon completion of Level 1 training and will then receive instructions for Level 2 training.