

University of Cincinnati Libraries Research & Data Services Group
is sponsoring:

University of California Santa Cruz Genome Browser Training

The University of California Santa Cruz (UCSC) Genome Browser is a popular open-source Web-based tool offering access to genome sequence data from a variety of vertebrate and invertebrate species and major model organisms, integrated with a large collection of aligned annotations. The Browser is designed to display gene predictions, mRNA and expressed sequence tag alignments, simple nucleotide polymorphisms, expression and regulatory data, phenotype and variation data, and pairwise and multiple-species comparative genomics data.

UCSC Genome Browser Website: <https://genome.ucsc.edu/>

Morning Sessions

October 30th | 9am-Noon | MSB 5051

UCSC Browser overview; searches, discovering benign and pathogenic variants, extracting data, uploading and displaying custom data, etc.

Register: <https://bit.ly/2x7WVVK>

October 31st | 9am-Noon | MSB 7051

Browsing sensitive data, using the multi-region mode to, making track hubs for your genome of interest, predicting biochemical consequences of short variants.

Register: <https://bit.ly/2OdEBS1>

Afternoon Sessions

October 30th & 31st | 1pm-4pm | HSL Troup Learning Center

Afternoon sessions will consist of advanced problem solving sessions, sample problems, examples of comparative genomics, methods of teaching molecular biology with the browser, and one-on-one consultations with UCSC Browser users.

Register: <https://webapps2.ucsc.edu/ce/HSL/Workshops>



Contact Tiffany Grant at Tiffany.Grant@uc.edu with any questions.

*Afternoon registration is extremely limited. Any non-UC affiliates should contact tiffany.grant@uc.edu to register.

*Please be sure to bring your own device.