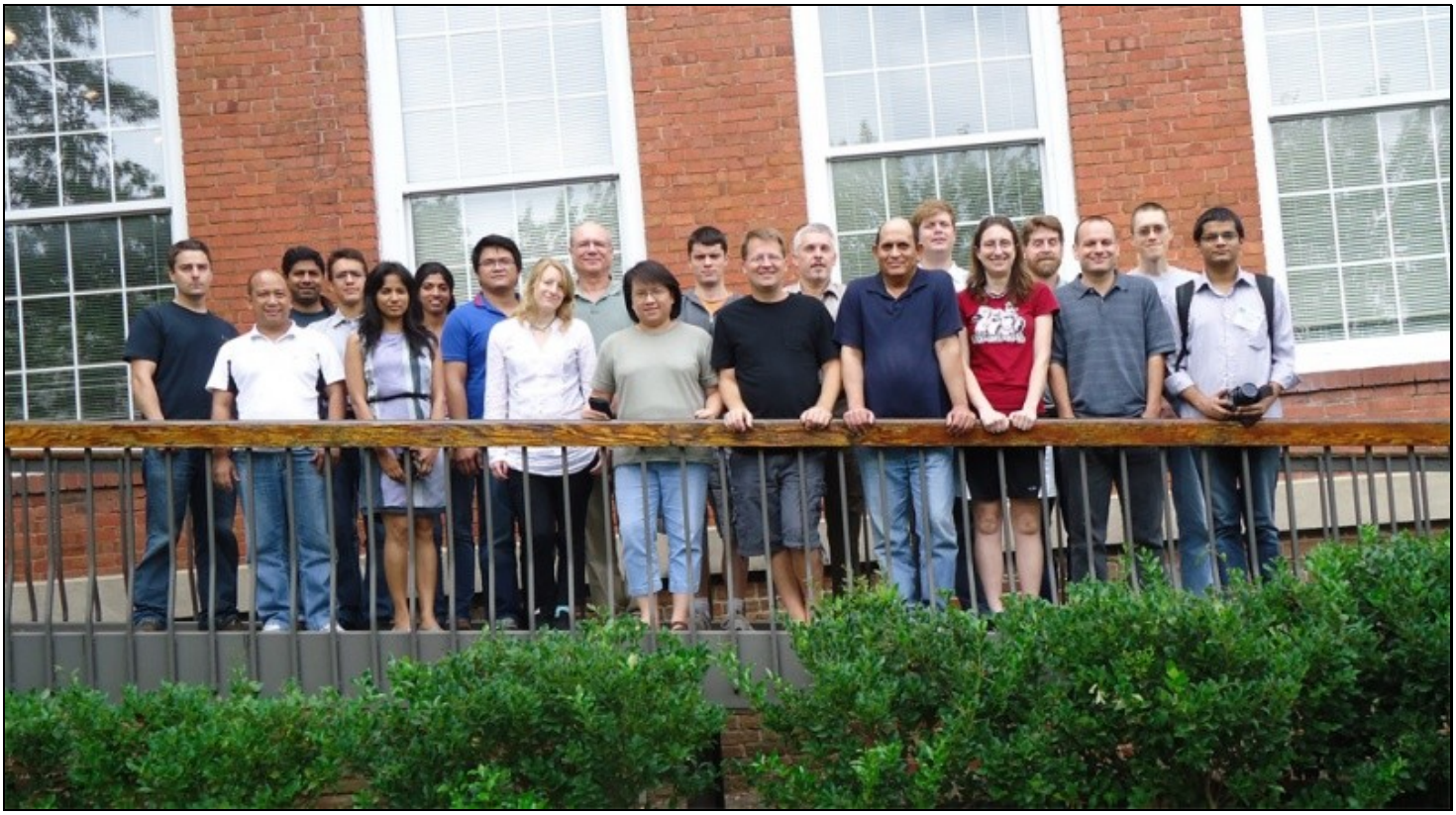
The GMOD Summer School is a five day course that covers the use of several widely used GMOD components in the context of a organism or clade database. The course is taught by members of the projects' development teams. Applications are competitive, since we generally receive many more applications that we have slots.

GMOD 2012 Summer School wiki (contents available to course participants only)



The Course

A 5 day hands-on course on GMOD component installation, configuration, and usage. Most sessions were four hours (a half day), and the evenings featured work sessions where the instructors for that day's topics were available to answer questions and help participants use the tools with their data. The instructors on the course were experienced component developers and GMOD project staff.

The course covered the following topics in detail:

Topic	Tutorial	Instructor	Affiliation; GMOD role
Amazon Web Services set up	Tutorial	Scott Cain	Ontario Institute for Cancer Research GMOD Project Coordinator; Chado, GBrowse
Chado	Tutorial	Scott Cain	Ontario Institute for Cancer Research GMOD Project Coordinator; Chado, GBrowse
Galaxy	Tutorial	Dave Clements	Galaxy Project, Emory University Galaxy
GBrowse	Tutorial	Scott Cain	Ontario Institute for Cancer Research GMOD Project Coordinator; Chado, GBrowse
GBrowse syn	Tutorial	Sheldon McKay	iPlant Collaborative, CSHL GBrowse_syn, GBrowse
GFF3	Tutorial	Scott Cain	Ontario Institute for Cancer Research GMOD Project Coordinator; Chado, GBrowse
JBrowse	Tutorial	Robert Buels	University of California, Berkeley JBrowse
MAKER	Tutorial	Barry Moore	

			University of Utah MAKER
SOBA	Tutorial	Barry Moore	University of Utah MAKER
Tripal	Tutorial	Stephen Ficklin	Washington State University Tripal
WebApollo	Tutorial	Ed Lee	Berkeley Bioinformatics Open-source Projects (BBOP) Apollo, WebApollo

Course Work

The 2012 Summer School used Amazon Web Services to host virtual GMOD instances containing the software and demo data used during the course. See GMOD in the Cloud for more information on the GMOD Amazon Machine Images available to the public. The tutorials used on the course are available on this wiki for interested persons to work through.

GMOD thanks the generous grant from the Amazon AWS in Education program, which provided free compute time on Amazon Web Services for the course tutors and participants.