

## **Global Viral Metagenome Project**

Collaboration with Chesterfield Technical Center

### **Overview**

VCU people will help their charges (either one or two CTC people) become acquainted with BioBIKE and with tools they will need to characterize their viral sequence. Then individuals within the groups and the groups as a whole will consider the viral metagenome sequences given to them. Consideration will include predicting what genes are contained on the viral DNA fragments, their functions, similarities to other sequences (particularly other viral sequences), possible organismal hosts, and possible links to other viral metagenome fragments.

### **Calendar of interactions**

#### Week of March 19

- Monday      Odd CTC people send e-mail messages to VCU people, to say hello and to arrange a times to meet online (or optionally in person). The time should almost surely be sometime Wednesday morning
- Tuesday     Even CTC people send e-mail message to VCU people, to say hello and to arrange a times to meet online (or optionally in person).
- Wednesday   In almost all cases, Odd CTC people meet with VCU people online. VCU people can use the Education computer lab (where we met with CTC people before) and check out a headset. You will need to show your ID to get in.  
Objectives:
- CTC people need to be able to answer questions concerning *What is a Gene*. VCU people are there to provide support.
  - CTC people need to gain facility in using BioBIKE. VCU people help however possible.
  - CTC people and VCU people arrange time and discuss logistics for next meeting.
- Thursday    Ideally, Even CTC people meet with VCU people online. Issues and objectives are the same as for Wednesday.
- Friday       Odd CTC people begin consideration of the *Search for FMRP in Drosophila*. Eventually, VCU people will help, but nothing planned for the day.

#### Week of March 19

- Monday      Even CTC people begin consideration of the *Search for FMRP in Drosophila*. Eventually, VCU people will help, but nothing planned for the day.
- Tuesday     Ideally, Odd CTC meet online to hear presentation by VCU people concerning their reports on their mystery sequences.  
Objectives:
- Give CTC people a good idea of how to approach the characterization of an unknown sequence.
  - Give CTC people familiarity with Blast.
- Wednesday   Even CTC meet online to hear presentation by VCU people concerning their reports on their mystery sequences. Objectives are the same as for Tuesday.