

## **025:251 COMPOSITION: ELECTRONIC MEDIA II**

**Spring 2012**

### **Assignment 2, Presented March 3-5**

1. Assignment 2 will be presented in class March 3-5.
2. The purpose of Assignment 2 is to create stereo soundfiles for your composition.
  - a. These soundfiles may ultimately be used in Pro Tools for an instrument and fixed media final composition.
  - b. Alternatively, the soundfiles may ultimately be used in Max/MSP for an instrument and interactive Max final composition.
  - c. While the final composition may be in another form, having a large number of high-quality soundfiles will be important for the project.
3. Create 6-10 sound-classes with 10 or more instances each that meet the criteria below:
  - a. All instances of a sound-class should be timbrally and/or conceptually related.
  - b. All instances of a sound-class should be of similar duration. For example, a sound-class duration may be short (0.1-1.2 seconds) or long (3.0-10.0 seconds). Medium short, medium long, extremely short, and extremely long sound-classes are possible, too.
  - c. All instances of a sound-class should be in the same pitch register. These may be within the span of less or more than an octave.
  - d. All instances of a sound-class should be of similar complexity or texture. For example, the instances of a sound-class can be a single events or gestures, but not both.
4. Ideas to consider:
  - a. Name sound-classes with 2 or 3 letters (such as “LF” in Assignment 1) and instances with numbers, using the prepend object.
  - b. Consider disabling the metro object and using bang and delay to control rhythm.
  - c. Use a separate sub-patch for each sound-class.
  - d. Experiment with different probabilities for pitch/duration.
  - e. Use different values for Left and Right, to create panning and stereo-imaging effects.
  - f. Create an additive synthesis sub-patch, with help from Shane, Zach, and Derek.
  - g. Incorporate filters and ring modulation, with help from Shane, Zach, and Dan.
5. Please begin working on these as soon as possible, so that we can try things out in class next week.