

## **SyngBio 2017 Technical Workshop**

### **The Current State of Genetic Research and Future of Genomics in Syngnathid Fishes**

This workshop will rely on group discussions with an aim to build a community of researchers, so come prepared to participate!

Here are some of the concepts we will cover:

- -establish what we have accomplished using genetics in syngnathid fishes thus far
- -set up a listserv to connect genetic syngnathid researchers
- -identify what type of questions we should be asking using next generation sequencing techniques
- -determine what the future of genetics/genomics in our field
- -discuss the strengths and weaknesses of using genetics in our syngnathid system
- -figure out what type(s) of collaborative projects would benefit our field

To determine the organization of the topics we will discuss, it would be helpful to get an idea of what everyone is currently working on or plans to begin working on in the near future (ie. phylogenetic relationships, parentage analyses, next generation sequencing, whole genome assemblies, etc). Please submit a 2-3 sentence description of the current projects you are working on or will be working on to help shape the discussion to Emily Rose (erose@ut.edu). Also, if you have any questions that you would like to see addressed please include those as well so we can be prepared and set aside time to discuss those.