

## Directions for New Pumps

The kit you've received includes a new type of air pump that we hope will be more durable and efficient at filtering the water samples you collect for the Invasive Fish Program.

The only real difference is the way you hook it up. It has two nozzles, one to draw in air and the other to expel it. You need to draw air out of the flask to create a vacuum, so make sure your tubing connects the flask to the nozzle at the **bottom** of the pump as shown in the picture below. From that point on, everything is the same as shown in the protocol.

It's important to keep water out of the air pump, so please make sure students work in pairs, with one student holding the flask to make sure it doesn't tip over and the other doing the pumping.

