

# Widener University - Institutional Animal Care and Use Committee

## Animal Care Standard Operating Procedures

1. Name and Department of Applicant (faculty member): Itzick Vatnick, Biology

Students: Kat Constance, Krista Bonhert, Jon Schiavi

2. Name and Approval Number of IACUC Animal Care Form

2. 3. Identify the species of animals covered by this SOP. Spot (*Leiostomus xanthurus*) and Croaker (*Micropogonias undulatus*)

4. If the animals are to be used in a course project, please indicate:

Course Name and Number	Instructor	Estimated Enrollment
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Biology 401, fall 2003	Itzick Vatnick and Bruce Grant	16
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5. How are animals obtained? Hatchery

6. Briefly describe the usage of the animals. To obtain live muscle segments for the measuring of oxygen consumption.

7. **Animal Care Standard Operating Procedures**

Location and Environmental Conditions of Animal Enclosures

Kirkbride 500 in a large aquarium that is kept 25 degrees Celsius

Describe Enclosures (cages, pens, crates, tanks)

20 gallon long tank

Describe Feeding and Water Regime. (How much? How often?)

Fed every other day with a sprinkle of fish food

Describe sanitation practices. (Any daily or periodic procedures such as water changes, bedding changes, cage washing) 2/3 water change once every 2 weeks

How many animals are placed in each enclosure? What size are the animals?

4, each 100-500 grams

8. What are the clinical signs or circumstances that would indicate animal stress or disease?

Lesions or colorations, clouding of the eye, etc.

9. What are the procedures for handling and/or euthanizing sick animals?  
Separate sick fish from healthy fish, until well. Otherwise, kept in own settings until death occurs.
10. What is the fate of animals that survive the experimental or instructional use?  
Will be kept healthy in tank and fed until they can be used for another experiment.
11. If known, list personnel who will care for these animals.

Name Dave Coughlin Title Associate Professor Phone 499-4025

12. I hereby certify that I am responsible for the care of the animals described in this SOP. I will properly train all personnel in animal care. The care of animals will abide by the National Research Council guidelines published in the *Guide for the Care and Use of Laboratory Animals*.

Name Kathryn Constance  
Krista Bonhert  
Jon Schiavi

Title student  
 Title student  
 Title student

Signature \_\_\_\_\_

Date \_\_\_\_\_

**NOTE:**

Once approved, this form will be kept on file with the Associate Dean of Science. An approved Animal Care SOP is required before animals are obtained.