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<table>
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<th>Faculty Research Area</th>
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<tr>
<td><strong>General Area of Research</strong></td>
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<td>Animal Orientation and Communication</td>
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**Description of Current Research**
- Sensory and molecular bases of maze learning in weakly electric fish
- Behavioral endocrinology: organizational and Activational effects of gonadal hormones in weakly electric fish; learning and memory in electric catfish

**Requirements and Benefits for Student**

**Essential and Desirable Background Knowledge and Skills**

**Essential**: Introductory course in Animal Behavior, Experimental Psychology, Statistics

**Desirable**: Introductory Biology courses

**Expected Responsibilities**
Design and conduct experiments; participate in all aspects of laboratory maintenance and animal welfare

**Expected Benefits**
Research experience; how to write a scientific paper; laboratory skills