

**Louisiana State University  
College of Agriculture  
Department of Entomology**

**Flagship Agenda  
2003-2010**

**Objective 1: Increase research productivity in support of long-term economic development**

Actions:

1. Recruit an Insect Physiologist
2. Recruit an Aquatic Entomologist

Outcomes:

- Increase funding from NIH, NSF and land management/water resource agencies
- Increase departmental ability to address physiological basis for insect responses to plant chemistry, environmental changes, and pest management tactics
- Increase departmental ability to become a leader in natural resource management, water resource management, and mosquito management.

**Objective 2: Increase number and quality of graduate students and programs.**

Actions:

1. Increase total number of graduate students, especially in urban entomology, agricultural pest management, and natural resource management, by 50%.
2. Continue to increase diversity of graduate students and faculty
3. Increase quality and competitiveness of graduate programs.

Outcomes:

- More diverse and competitive graduate student body.

**Objective 3: Increase quality of undergraduate students and programs**

Actions:

1. Increase total number of undergraduate student in Urban Entomology and Agricultural Pest Management concentration areas to 20 in each area.
2. Provide research opportunities through internships to enhance learning experiences

Outcomes:

- More and better trained pest management graduates.

**Objective 5: Assess LSU's progress and communicate achievements**

Actions:

1. Make a concerted effort to nominate students, faculty and staff for national awards
2. Identify and update information regarding student, faculty and staff achievements through a departmental newsletter.

Outcomes:

- Recognition for accomplishments nationally and locally
- Improved morale

**Objective 6: Increase funding sources to support Objectives 1-5**

Actions:

1. Increase number of competitive grants received to provide financial support for undergraduate and graduate assistants.
2. Submit a training grant proposal during 2004 to NSF and/or NIH to build a program in Urban Entomology and/or Agricultural Pest Management.

Outcomes:

- Increased ability to attract and recruit the best students, faculty and staff into our programs.
- Expanded research and instructional programs.