

Louisiana State University and A & M College

**College of Business Administration**

**Department of Information Systems and Decision Sciences**

## **7-Year Strategic Plan**

### **Departmental Vision**

The ISDS Department supports LSU's Vision:

“To be a leading research university, challenging undergraduate and graduate students to achieve the highest levels of intellectual and personal development.”

### **Departmental Mission**

*The mission of the ISDS Department is the generation and dissemination of knowledge in information technology and the decision science.*

### **Strategic Framework**

**The ISDS department also supports the LSU's strategic goals. Thus:**

- The ISDS Department must offer excellent curricula and must attract, retain, educate, and graduate highly qualified students.
- The ISDS Department must attract, retain, develop, and support excellent faculty and staff.
- The ISDS Department must facilitate and encourage teaching, research, and service that benefit society and advance knowledge.

- The ISDS Department must contribute to the social, economic, and cultural well-being of the state and the nation.

*In its 7-year planning horizon the ISDS Department will follow LSU's six main objectives. The following lays out how the ISDS Department will support these six objectives over the next seven years.*

**Objective 1. Increase research productivity and long-term economic development.**

***Actions:***

1. Increase faculty and staff in ISDS to a sufficient level.
2. Strengthen the technology infrastructure in the department.
3. Continue to increase the diversity of faculty.
4. Create a Decision Support lab.

***Outcomes:***

1. Funding from federal grants and contracts will increased significantly.
2. The Center for Virtual Organization and Commerce (CVOC), will be recognized as national centers.
3. The technology infrastructure will support computational, wireless networking, and other information technology based research.

**Objective 2: Increase quality of undergraduate student body.**

***Actions:***

1. Continue to increase undergraduate admission standards for ISDS major, and move to a more competitive admissions model.
2. Increase the competitiveness of our undergraduate students.

3. Increase the diversity and cultural awareness of our majors.
4. Define key learning outcomes that develop students' abilities to communicate ideas and information; plan, organize and evaluate projects; work in teams; apply mathematical concepts and problem solving techniques; and use technology.

***Outcomes:***

1. The ISDS student population will be highly competitive with peers.
2. Drop-out rate of ISDS majors at the junior and senior level should be less than 5%.
3. The ISDS student undergraduate population will be a multicultural student population, i.e., the number of African American, Hispanic American, Native American and international as well as non-resident students will increase dramatically.
4. ISDS students will be highly competitive in job market and graduate program placement.

**Objective 3: Increase number and quality of graduate students.**

***Actions:***

1. Increase total number of high quality PhD graduate students in ISDS to 24 to 30.
2. Increase quality and competitiveness of the ISDS graduate program.
3. Continue to increase diversity of graduate students and faculty.

***Outcomes:***

1. Graduate assistantships will increase to \$20,000 (in 2003 dollars), and the number of PhD students will grow to 24-30 students.

2. The ISDS programs will achieve national prominence.
3. Graduate students will represent a diverse population of highly competitive students.

**Objective 4: Improve quality of campus life.**

***Actions:***

1. Increase effectiveness of programs and services that support faculty, staff and student success.
2. Increase quality of environment for working and learning in the ISDS Department by providing good working conditions.
3. Create a PhD lab to provide PhD students adequate working conditions.

***Outcomes:***

1. ISDS will receive national recognition as an innovative and competitive working/learning environment for outstanding students, faculty and staff.
2. ISDS will support the building of a new business college with state of the art classroom/laboratory spaces, and recreational spaces.

**Objective 5: Communicate opportunities and impact of programs .**

***Actions:***

1. Identify and continuously update primary sources of information (ISDS Web Site, newsletters, annual reports, recruitment materials) regarding faculty, student and staff success.
2. Systematically and objectively assess the image of ISDS and address the key areas of concern.

***Outcomes:***

1. ISDS will have supportive constituencies at the University, state and national level.
2. ISDS will receive national recognition for accomplishments in key publications and rankings.
3. Funding will increase from targeted sources.

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

***Action:***

1. Increase federal, state, and private dollars through grants.

**Department of Information Systems and Decision Sciences**

**PEOPLE GOALS FOR 2003/2004**

*The ISDS Department's goal is to foster a supportive culture that promotes creativity and innovation in faculty's intellectual endeavors. Emphasizing freedom and interaction among faculty, students and staff the department strives to provide the means for achieving sustained professional growth.*

**Objective**

**Description**

**LSU's Flagship Agenda Objectives**

**Performance Indicators and Targets**

**Strategies**

**Champion**

**Constraints**

To maintain an effective motivational climate that encourages high quality scholarship.

*1, 4 and 6*

- Faculty and staff satisfaction
- Faculty and staff development
- Recruitment success
- Turnover rates
  
- Provide funds for professional development
- Provide funds for technology, i.e., computers/software
- Support conference participation of faculty
- Attract a diverse faculty who are committed to intellectual growth

Department Chair

Available funds

2

To increase external grants endowments to support travel funds, Ph.D. students and technology

- Four external proposals submitted by the department per year
- At least two external proposals funded per year
  
- Submit research grants to Board of Regents
- Submit research grants to NSF

## **Department of Information Systems and Decision Sciences**

### **Research Goals for 2003/2004**

*The ISDS Department's research goal is to conduct and disseminate significant basic and applied research studies in the areas of management information systems, operations management, operations research and statistics. A particular emphasis is in leveraging the faculty's expertise in electronic commerce, enterprise resource planning, instructional technology and virtual organization, areas that can be directly applied to the curriculum and education as well as being strategic areas of expertise in research. Such research must contribute to and transcend the teaching mission of the ISDS Department by advancing the frontiers of knowledge.*

#### **Objective**

#### **Description**

#### **LSU's Flagship Agenda Objectives**

#### **Performance Indicators and Targets**

#### **Strategies**

#### **Champion**

#### **Constraints**

*land 2*

- Number of articles published in Tier I journals
- One conference presentation per faculty per year
- Use Center for Virtual Organization and Commerce provide as a leverage to conduct outstanding research to be published in Tier I publications
- Continue outstanding research published in Tier I publications

To support the research mission improve the Ph.D. program such that it becomes nationally recognized as one of the top 20 Ph.D. programs in information systems.

- Steady increase of placement of Ph.D. graduate students at peer institutions
- Have all Ph.D. students admitted funded competitive to peer institutions
- Two publications of doctoral students before graduation
  
- Recruit top Ph.D. students
- Recruit outstanding minority students

## **Department of Information Systems and Decision Sciences**

### **INSTRUCTIONAL GOALS FOR 2003/2004**

*The teaching goal of ISDS is to produce highly recruited graduates who are able to innovate and apply modern information technology in improving and reinventing business. Through teaching about modern information technology and using that technology as an integral part of its curriculum and operations, students will gain conceptual knowledge in an atmosphere of applied innovation by offering comprehensive, state-of-the-art bachelor's, master's, and doctoral programs in information Systems and Decision Sciences. The ISDS Department seeks to provide its students with unique opportunities for personal and professional growth based on ethical awareness and an ability to think innovatively.*

#### **Objective**

#### **Description**

### **LSU's Flagship Agenda Objectives**

#### **Performance Indicators and Targets**

#### **Strategies**

## **Champion**

### **Constraints**

1

To create a highly ranked information systems program at the undergraduate and graduate level.

*2 and 3*

- Placement: Percentage of graduates receiving jobs at desired firms, universities or admission to graduate programs.
- Enhance Ph.D. program to make it a superior program, which can compete with peer institutions
- Use technology creatively to enhance education
- Remove barriers to interdisciplinary education.
- Create a problem-based learning

To continuously improve the curricula in all instructional programs and provide the most up-to-date course material to students.

- Placement of half of all Ph.D. students at peer institutions within two years.
- Improve Ph.D. program.
- Further develop SAP Alliance