# Information, Planning, and Assessment



University of Central Florida Chairs, Deans, Directors, and Faculty Workshop March 28, 2003

### **Agenda**

- 8:30 Coffee and Danish
- 9:00 What Do Students Think About UCF?
- 9:30 Program Assessment
  - Brief Overview
  - Innovations in Assessment (College of Engineering and Computer Science)
  - Assessment Successes (College of Education)
- 10:15 Information and Planning
  - 10:45 The IPA Office



### Information, Planning, and Assessment

Introduction



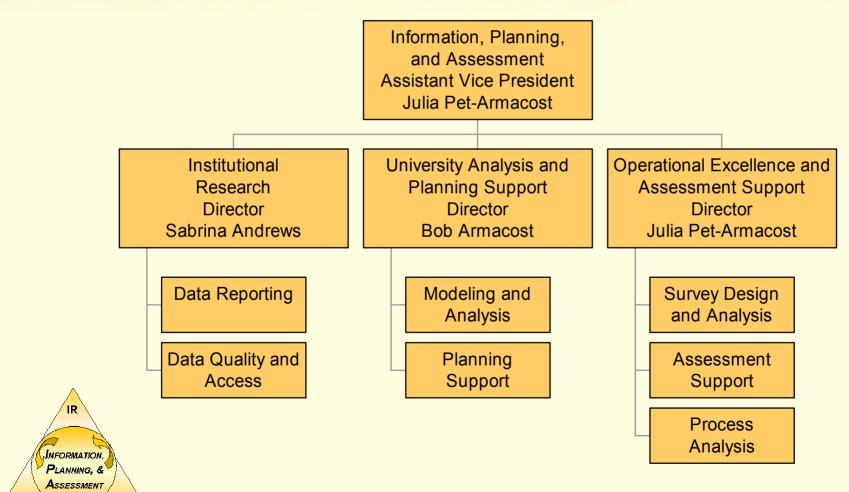
University of Central Florida Chairs, Deans, Directors, and Faculty Workshop March 28, 2003

### **Objectives of Workshop**

- Provide you with additional knowledge about UCF
  - What our students think
  - UCF's program assessment process and its value
  - Information about UCF and plans for the future
- Provide you with an overview of the services and resources that are available to you through the IPA Division
  - Operational Excellence and Assessment Support
  - Institutional Research
  - University Analysis and Planning Support



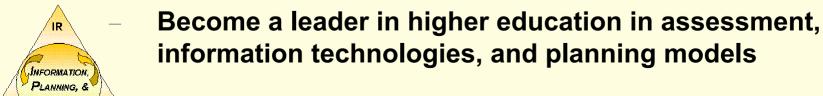
### The Information, Planning, and Assessment Division



### Information, Planning and **Assessment Goals**

#### **Excerpts of goals**

- Support strategic planning, accountability, program review, and institutional effectiveness
- Provide timely access to institutional data and information sources
- Ensure the quality and integrity of data and information
- Develop analysis and planning models to support decision-making and planning
- Be a catalyst for continuous improvement and operational excellence





### Strong Focus on Quality Improvement

- Institutional Research
  - Improve quality of and access to data and information
  - Data Administrator
    - Ensure timely and accurate external reporting
- University Analysis and Planning Support
  - Improve quality of planning and decision making processes
- Operational Excellence and Assessment Support
  - Improve quality of academic programs and university operations



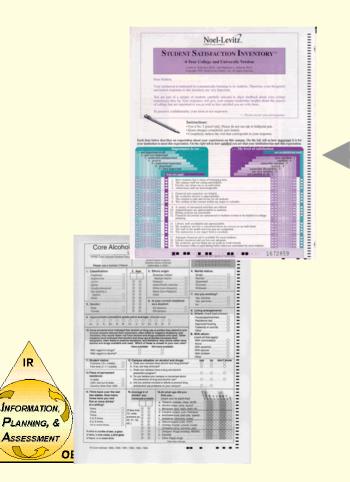
### Information, Planning, and Assessment

#### What do Students Think About UCF?



University of Central Florida Chairs, Deans, Directors, and Faculty Workshop March 28, 2003

### We Are Interested in What Our Students Think



UCF
conducts
many
surveys





### **Types of Surveys**

#### As students progress

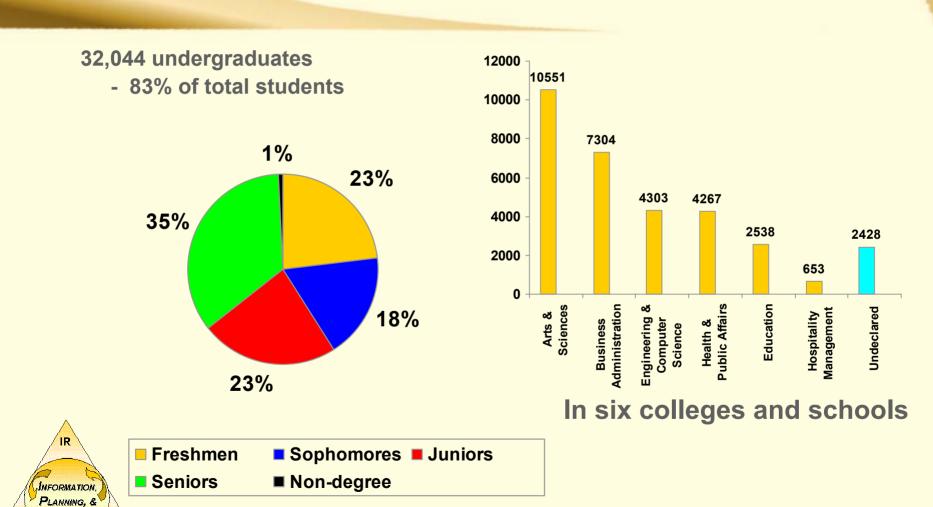
- Entering student
- Enrolled student
- Graduating student
- Alumni

#### Various topics

- Satisfaction with services
- Satisfaction and value of experiences
- Plans for the future
- Special topics
  - Alcohol and drug usage
  - Polaris usability



### UCF's Total Undergraduates Fall 2002



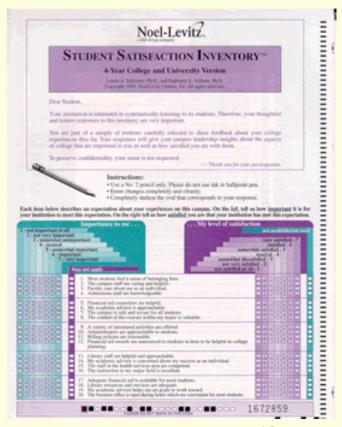
ASSESSMENT

### Student Satisfaction with Student Services

#### Noel-Levitz Inc. Student Satisfaction Inventory

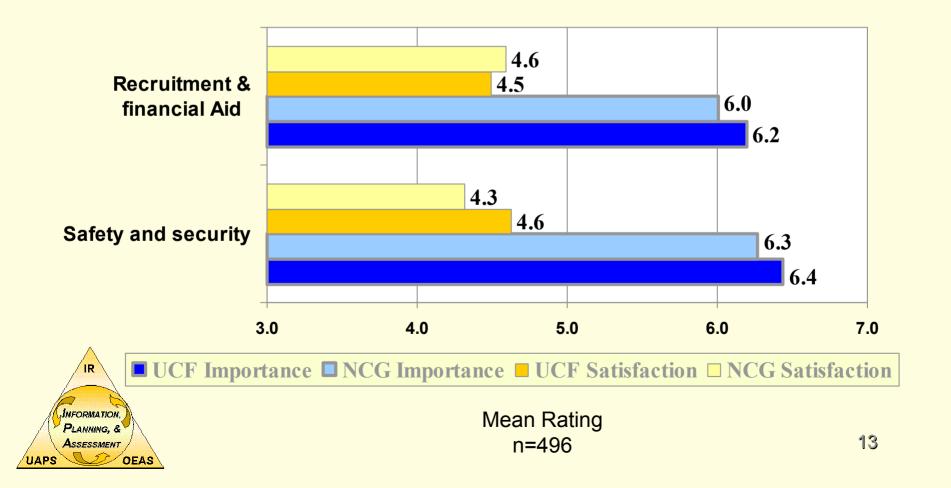
- Sample of enrolled students
- 1995, 1998, and 2001
- 12 composite scales
- Importance and satisfaction





### Importance and Satisfaction Ratings UCF Undergraduates and National Comparison Group

(Source: Spring 2001 Student Satisfaction Inventory)



# Comparison of 1995 to 2001: Improved Satisfaction in All Areas

- Large (7 to 11%) improvement
  - safety and security
  - student centeredness
  - campus climate
  - responsiveness to diverse populations
- Moderate (3 to 6%) improvement
  - campus life
  - registration effectiveness
  - campus support services
  - concern for the individual
  - instructional effectiveness
  - Small (less than 2%) improvement
    - academic advising
    - service excellence



#### Who is Most Satisfied?

- Male or female
- Area campus or main campus
- Ethnic minority or white
- Freshmen, sophomores, juniors, or seniors,



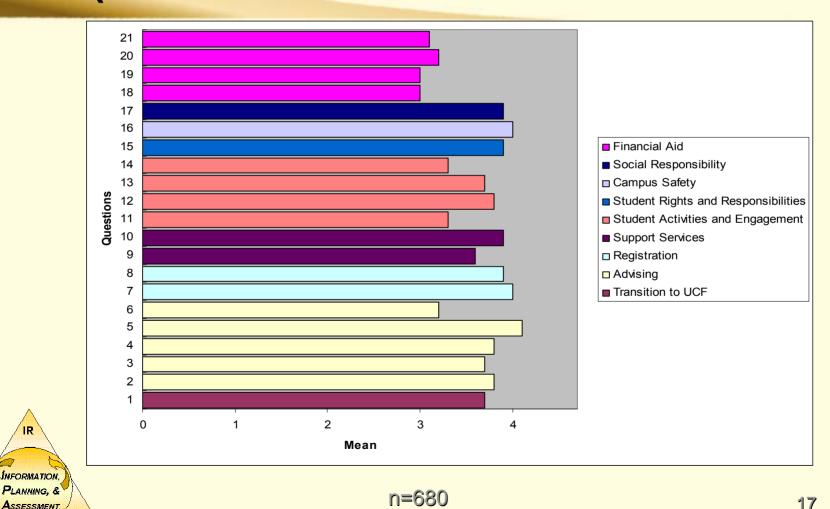
# Freshmen Orientation Follow-up Survey Ad Hoc Surveys

- Conducted online Fall 2002
- All freshmen orientation attendees
- Importance of orientation content
- Satisfaction with orientation relative to freshmen experience



### Importance Ratings of Freshman **Orientation Content Areas**

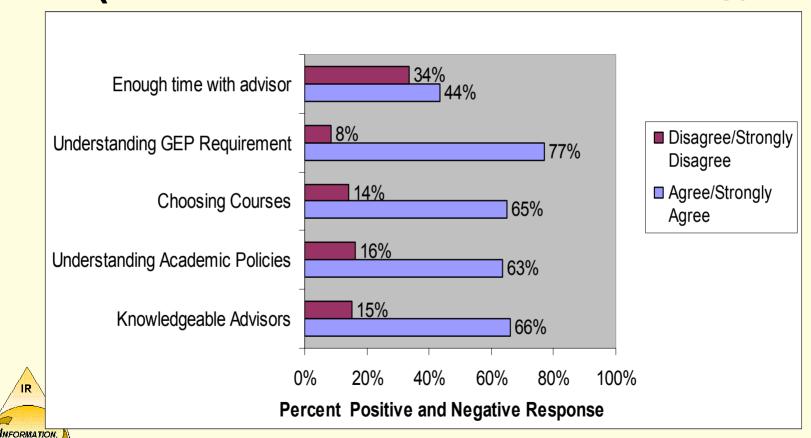
(Source: UCF Freshmen Follow-up Survey)



ASSESSMENT

# Percent Positive and Negative Responses - Freshmen Orientation Advising Experience

(Source: UCF Freshmen Follow-up Survey)



PLANNING. &

Assessment

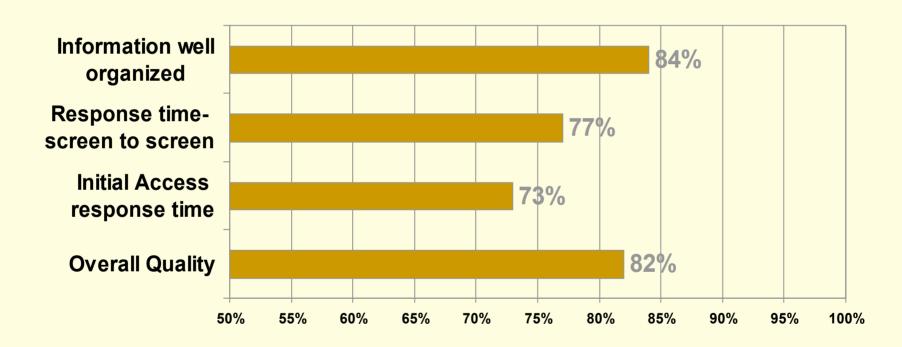
### POLARIS Usability Survey Ad Hoc Surveys

- Conducted online since Summer 2002
- All students who register
- Overall satisfaction
- Aspects of functionality
- Student variables
  - preparedness
  - dial-up
  - time of day
  - class level



### Overall POLARIS Quality and Selected Functional Elements

(Source: Spring 2003 POLARIS Usability Survey)

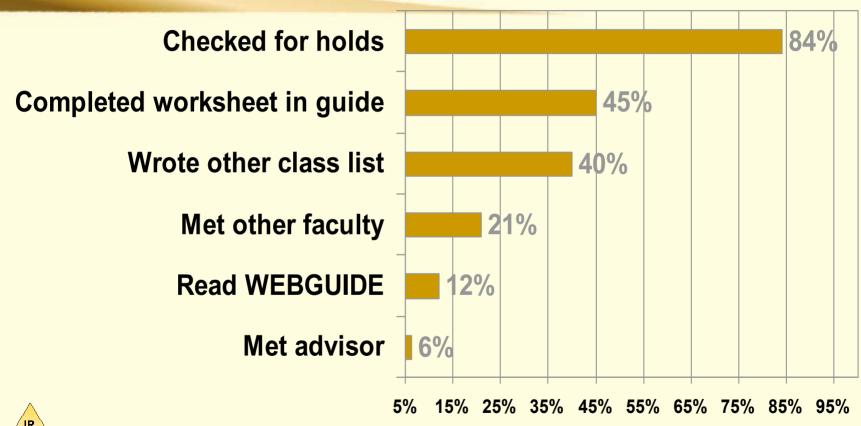




percent positive response n=1994

### Student Planning for Registration

(Source: Spring 2003 POLARIS Usability Survey)





percent positive response n=1994

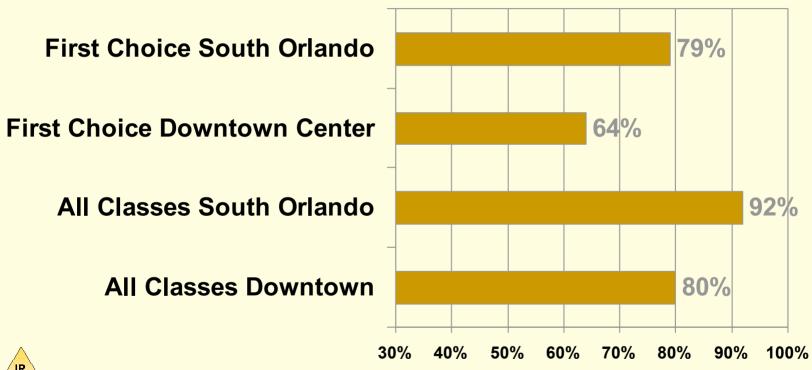
### Downtown Center and South Orlando Student Satisfaction Surveys

Ad Hoc Surveys

- Conducted annually since Summer 2001 (Downtown) and Fall 2001 (South)
- All enrolled students
- Service satisfaction



# Percent Giving Location as First Choice & Likelihood of Taking All Upper Division Classes at Location, If Offered





percent positive response

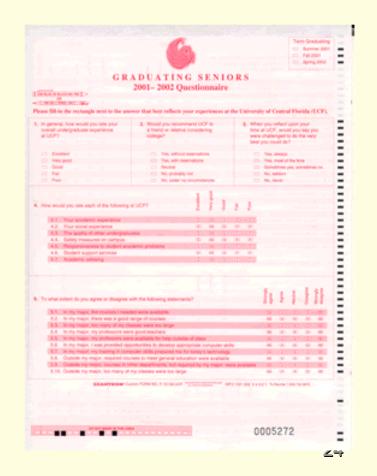
South Orlando: n=94

### **UCF's Graduating Senior Survey**

#### Conducted since 1996

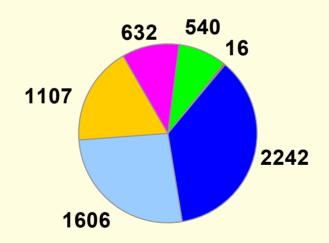
- spring: 1996 2000
- every term: 2001 to today
- Support services
  - usage
  - satisfaction
- Academic experience
  - in my major
  - outside my major





### **UCF's Graduating Seniors**

#### 2001-2002 Baccalaureate Degrees Total = 6,143

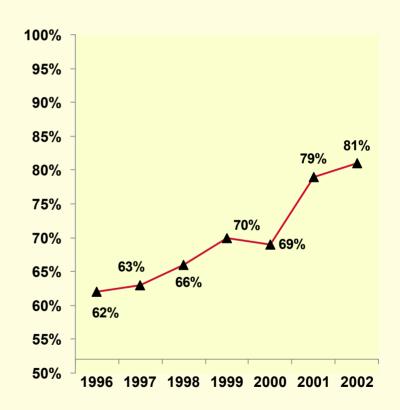




- Arts & Sciences
- Health & Public Affairs
- Engineering & Computer Science Hospitality Management
- Business Administration
- Education

# Overall Rating of Student Support Services

- 31% increase, with 81% rating services as "good" to "excellent"
- Despite large undergraduate growth from 1996 to 2002
  - 45% increase in enrollment
    - 25% increase in baccalaureates

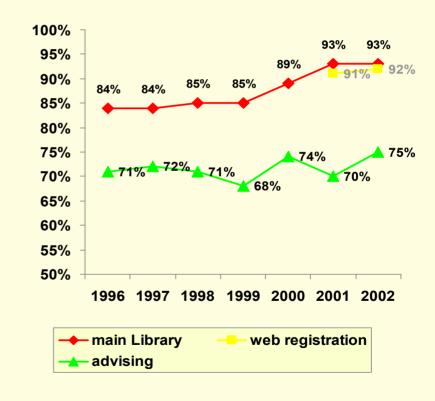




### Similar Trends in Individual Service Areas

#### Survey results

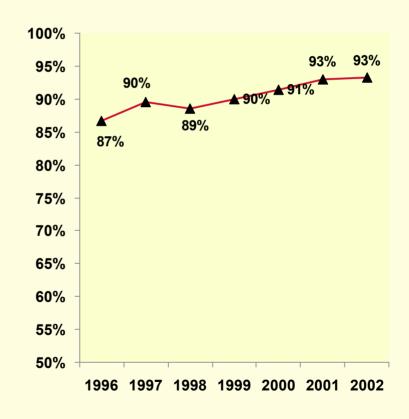
- identify opportunities for improvement
- track impact of changes





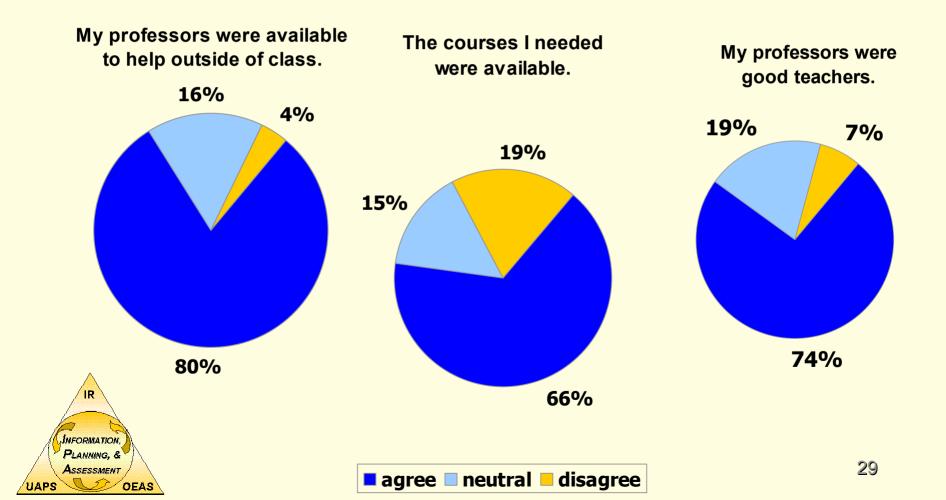
# Overall Rating of Academic Experience

 7% increase, with 93% rating experience as "good" to "excellent"

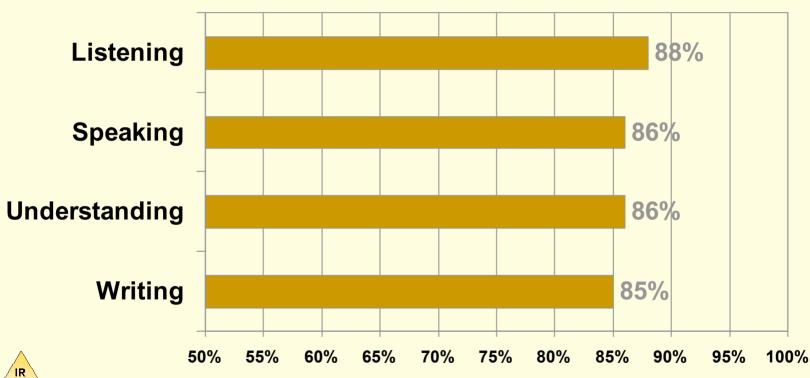




### In My Major . . .

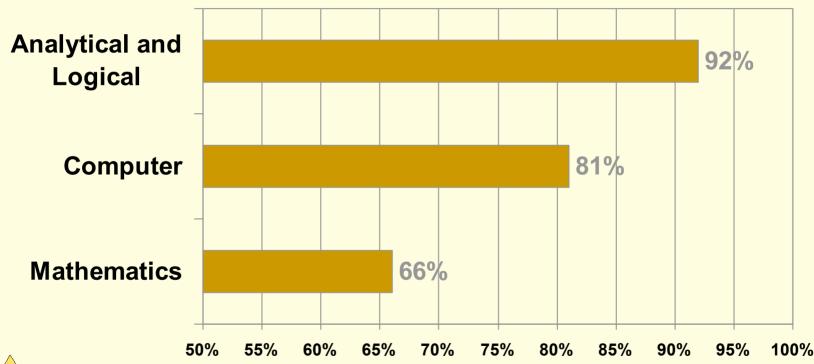


### UCF's Contribution to Communication Skills



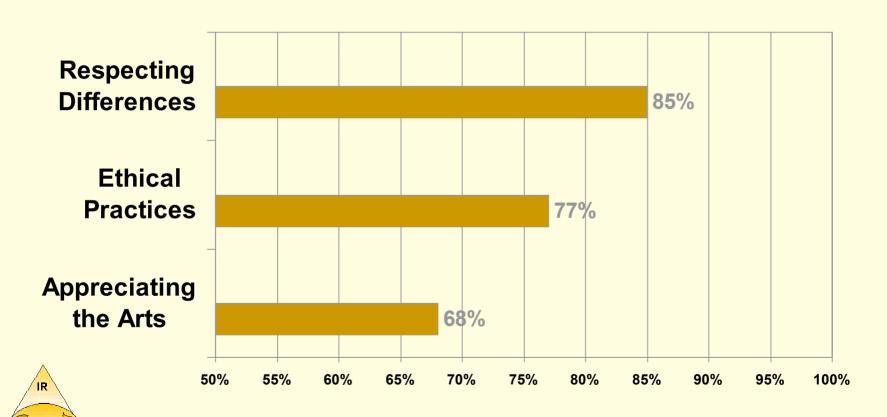


### UCF's Contribution to Technical Skills





# UCF's Contribution to Social and Cultural Development

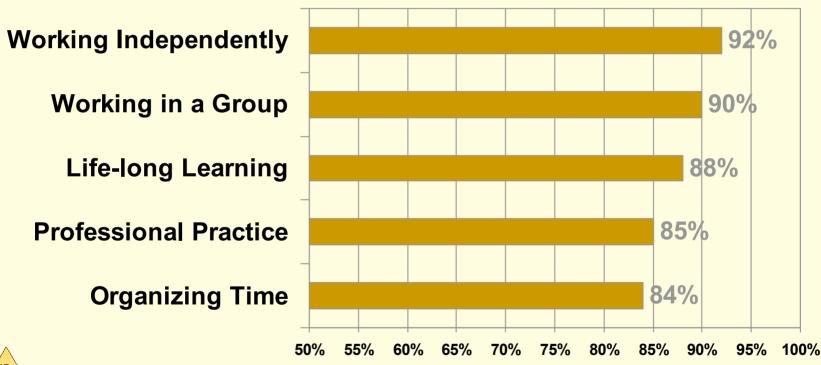


INFORMATION.

PLANNING. &

ASSESSMENT

### UCF's Contribution to Preparation for Professional Practice





### Program-level Data Available

- Website Demonstration
- http://www2.oeas.ucf.edu/oeas2/SurveyProgram/gss.html



### **First Destination Survey**

- Conducted at commencement since Spring 2002
  - Spring 2002
  - Fall 2002
- What graduates expect to do
  - graduate school
  - employment

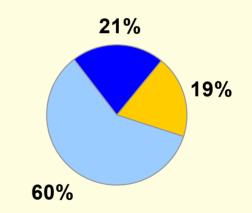


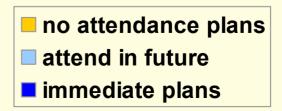
Please help UCF better serve students and alur plans after graduation. The information is com- opportunities for UCF students and alumni. To	pletely confidential and will help us	improve career-planning services and
Using the pencil provided, please completely f		
What degree(s) are you earning today? [Select ALL THAT APPLY]  [Select ALL THAT APPLY]  [Select ALL THAT APPLY]	B.A Bachelor of Arts B.S Bachelor of Science M.A Master of Arts M.S Master of Science	M.Ed Master of Education Ph.D Doctorate Specialist Other
2. In which college is your major(s)? [Select ALL THAT APPLY]	Arts & Sciences Business Administration Education Engineering & Computer Sci	Health & Public Affairs Hospitality Management Optics
3. What was your major(s) at UCF?		
4. Do you plan to continue your studies in Gio. No, have no plans to attend graduate Yes, I plan to attend in the future, prof Yes, I plan to attend in the future, prof Yes, I am currently applying or waitin Yes, I am currently considering offfer of Aa. If you have accepted an offer for 4b. What amount of, if any, financial	school, or to continue further in gra bably UCF bably NOT UCF ag for acceptance is) or have accepted an offer for adm admission, where? School Name: City, State	duate studies
5. Are you currently employed? [Select ONE No Yes, part-time in an area related to my Yes, part-time in an area ROT related Yes, full-time in an area NOT related Yes, full-time in an area NOT related.	response] job) in the Notice of Study Ye field of Study	applying or do you plan to apply for work (a NEW to near future? [Select ALL THAT APPLY]  s, part-time in an area related to my field of study s, part-time in an area NOT related to my field of study s, full-time in an area NOT related to my field of study s, full-time in an area NOT related to my field of study
7. Are you considering or have you accepted job)? [Select ONE response]  No Yes, part-time in an area related to my Yes, part-time in an area NOT related to My Yes, full-time in an area related to my Yes, full-time in an area NOT related to my	a job offer (for a NEW  r field of study to my field of study field of study	•
8. IF you plan to continue in your current job	or have accepted an offer, where?	
		City, State:
9. IF you plan to continue in your current job Under \$20,000 a year \$30,000 \$20,000 - \$24,999 \$35,000 \$25,000 - \$29,999 \$40,000	- \$34,999 \$45,000 - \$49, - \$39,999 \$50,000 - \$54,	999 \$60,000 - \$64,999 999 \$65,000 - \$69,999

### Plans for Graduate or Professional School Education

- Almost 50% with immediate plans have admissions offers
- About 20% have offers for financial assistance
  - \$1,500 to \$60,000

### Further Education Plans Spring 2002



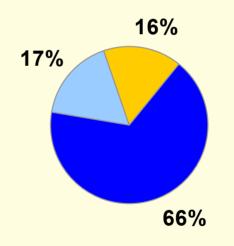




## Where Our Graduates Plan to Attend Graduate School

 About 70% of those staying in Florida intend to continue at UCF



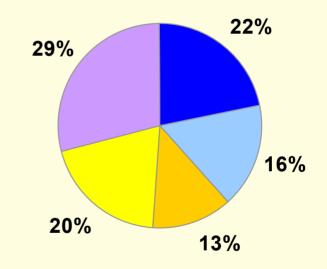




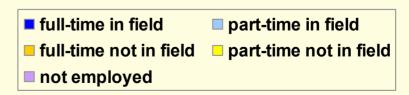


## Employment At Graduation Spring 2002

- 71% of our students already employed at graduation
- 38% of them employed in-field

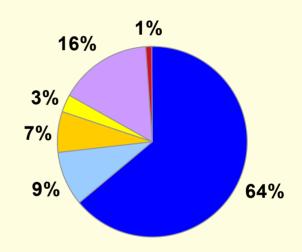






## Applications for Employment Spring 2002

- 87% of unemployed students are seeking employment
- 79% of students employed outside field are seeking employment in field
- 71% of students employed in field are seeking other employment in field





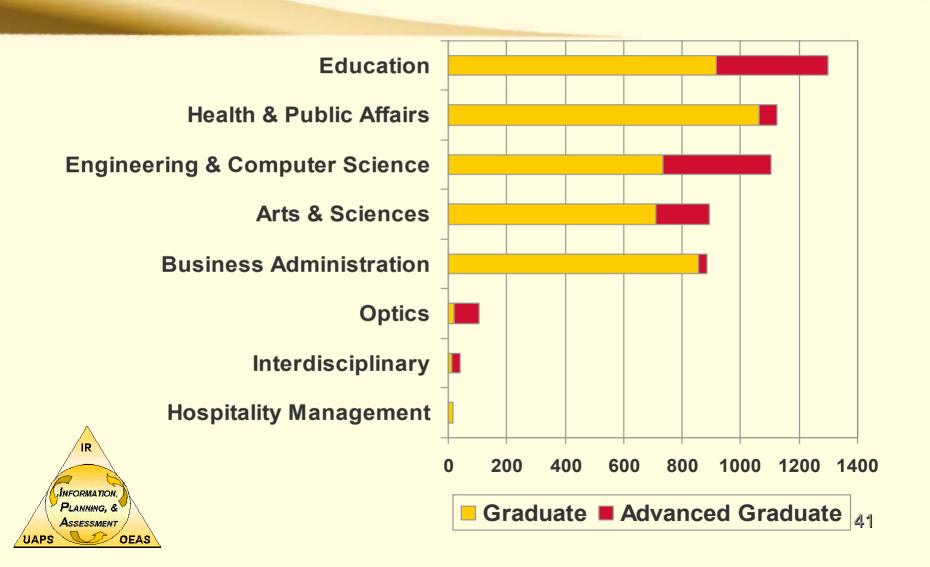


### Total Graduate Enrollment Fall 2002

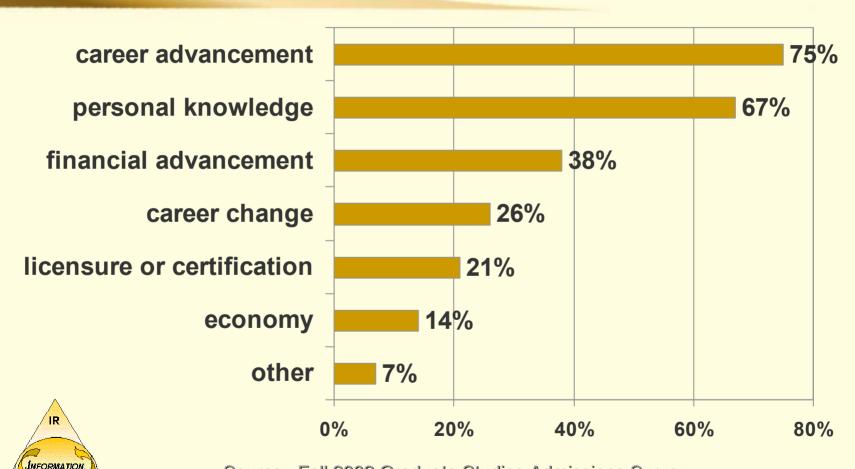
- 6,578 graduate students
  - 1,070 Doctoral
  - 62 Specialist
  - 4,127 Master's
  - 205 certificates
  - 1,114 non-degree seeking
- 17% of total students

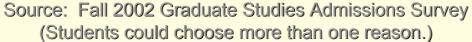


### Degree-seeking Graduate Students Fall 2002



## Reasons for Pursuing Graduate Course Work





PLANNING. &

ASSESSMENT

#### Reasons Ph.D. Students Selected UCF

(Source: 2001-2002 Graduating Graduate Student Survey)

- Ph.D. Degree Students
  - types of programs available
  - reputation of program
  - ✓ location
  - financial support
  - ✓ cost



#### Reasons Master's Students Selected UCF

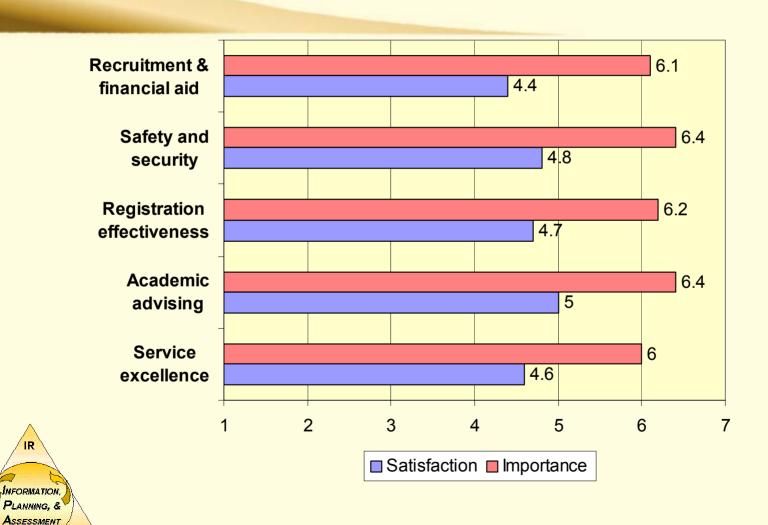
(Source: 2001-2002 Graduating Graduate Student Survey)

- Master's Degree Students
  - types of programs available
  - location
  - financial support
  - reputation of program
  - ✓ cost



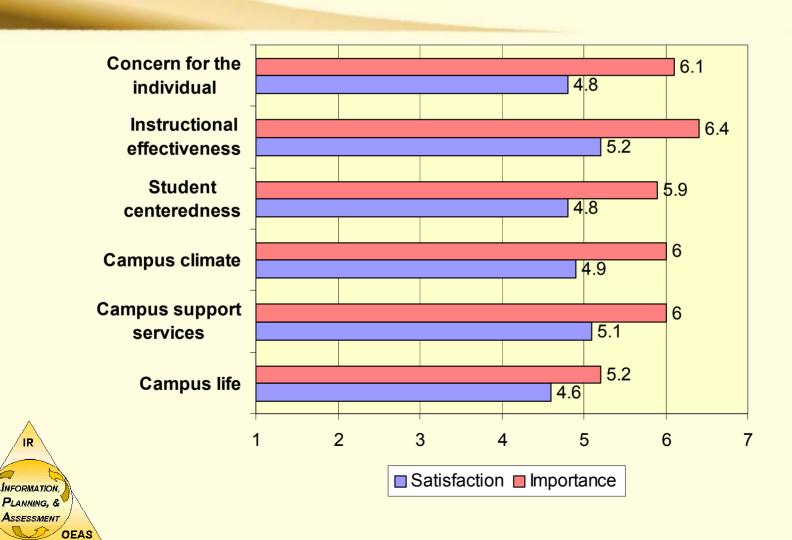
### Importance and Satisfaction Ratings

(Source: Spring 2001 Student Satisfaction Inventory)



### Importance and Satisfaction Ratings

(Source: Spring 2001 Student Satisfaction Inventory)



### Comparison of 1995 to 2001: Improved Satisfaction in All Areas

#### Large (6 to 10%) improvement

- safety and security
- academic advising
- responsiveness to diverse populations

#### Moderate (3 to 5%) improvement

- instructional effectiveness
- concern for the individual
- campus climate
- student centeredness
- registration effectiveness
- campus support services
- service excellence

#### Small (2% or less) improvement

- recruitment and financial aid
- campus life

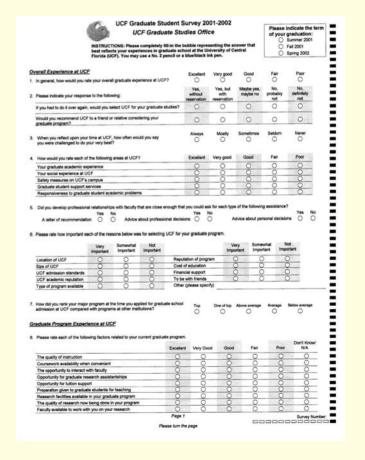


### **Graduating Graduate Student Survey**

#### Conducted since 2000

- spring: 2000
- every term: 2001 to today
- Support services
  - usage
  - satisfaction
- Academic experience
  - in my graduateprogram





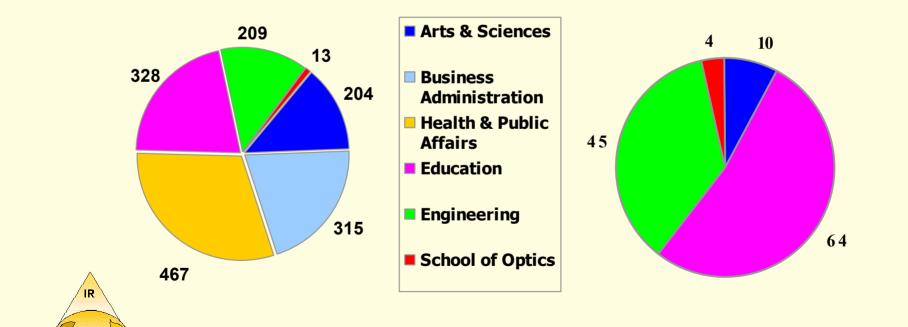
## UCF's Graduating Master's and Ph.D. Students

2001-2002 Master's Degrees Total = 1536

INFORMATION, PLANNING. &

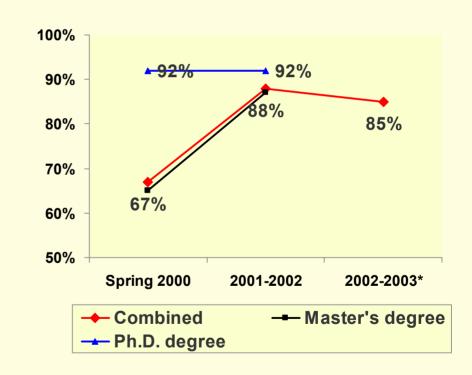
ASSESSMENT

2001-2002 Ph.D. Degrees Total = 123



## Support Services: Good to Excellent

- 22% overall increase
- Sustained high levels of Ph.D. degree student satisfaction

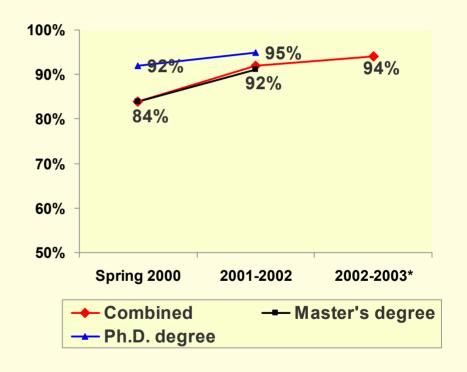




2002-2003 results are preliminary

## Academic Experience: Good to Excellent

- 8% overall increase
- 3% increase in Ph.D. degree student satisfaction
- Preliminary results for 2003 indicate sustained positive trend

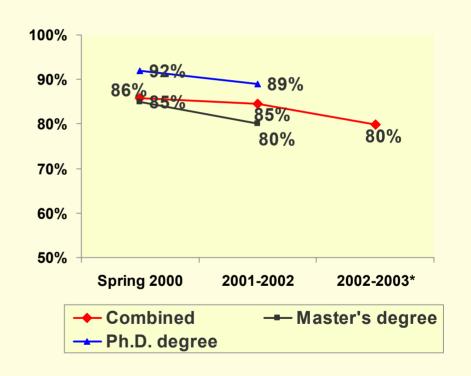




2002-2003 results are preliminary

## Positive Advising Experience: Strongly Agree to Agree

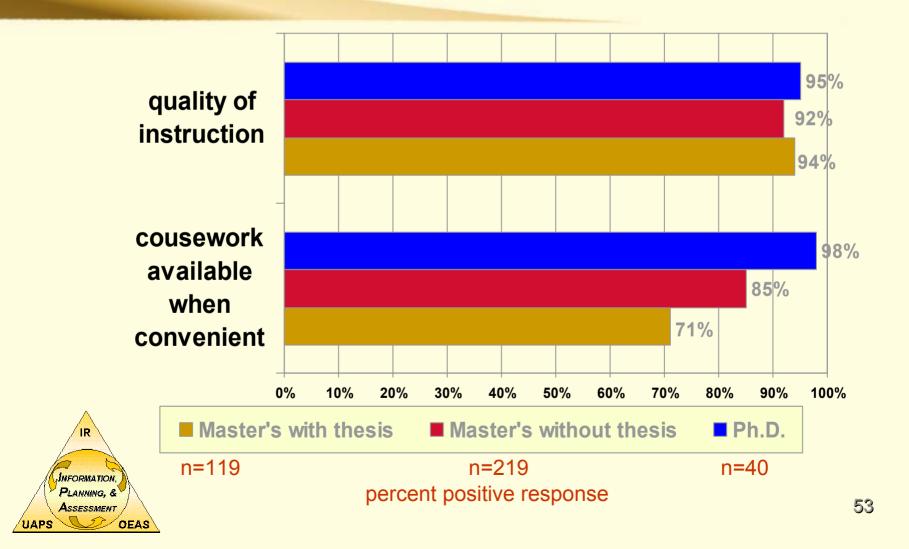
- 3% to 5% decrease from 2000 to 2002
- Preliminary results for 2003 indicate declining satisfaction





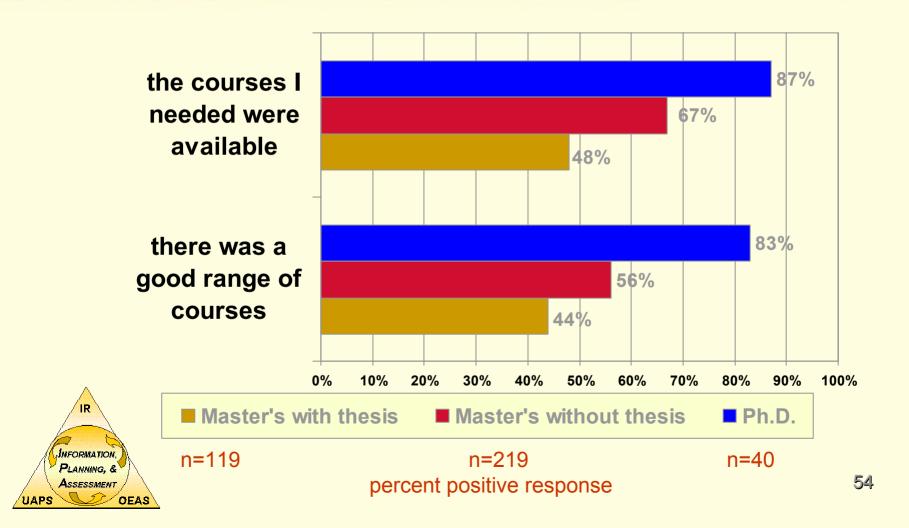
## In My Program Curriculum and Teaching

(Source: 2001-2002 Graduating Graduate Student Survey)



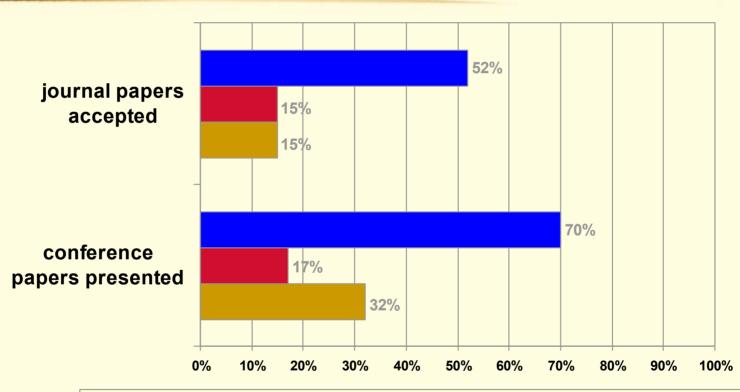
## In My Program Course Availability and Selection

(Source: 2001-2002 Graduating Graduate Student Survey)



## In My Program Publications and Conferences

(Source: 2001-2002 Graduating Graduate Student Survey)





■ Master's with thesis

■ Master's without thesis

■ Ph.D.

n=108

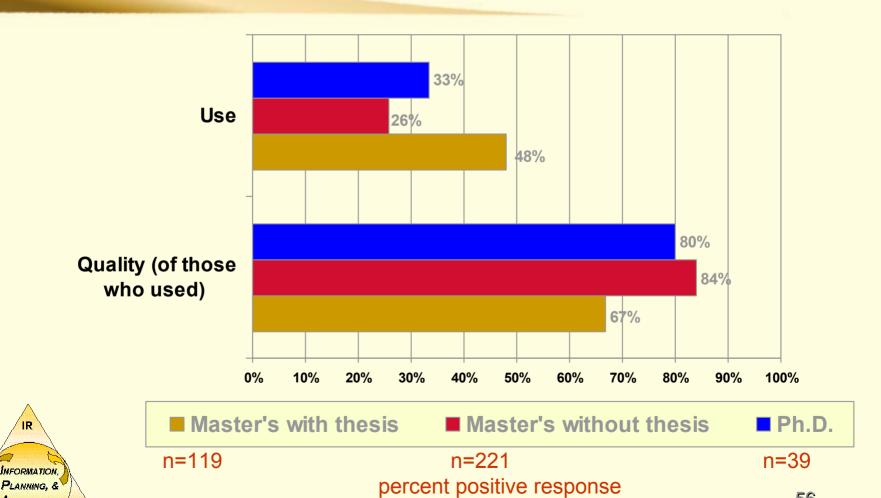
n=200 percent with 1-4 experiences

n = 37

55

#### **Use and Quality of UCF Career** Resource and Placement Services

(Source: 2001-2002 Graduating Graduate Student Survey)



ASSESSMENT

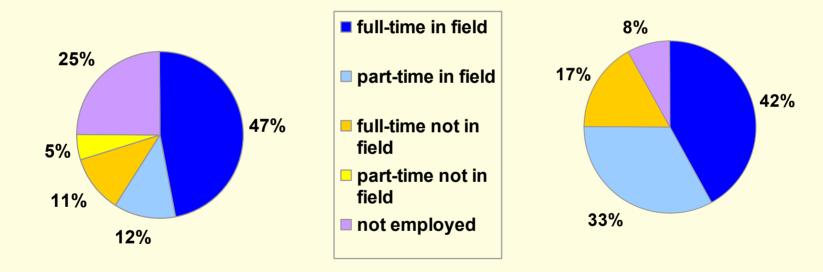
56

## Employment At Graduation Spring and Fall 2002

(Source: Spring and Fall 2002 First Destination Surveys)

#### **Master's Students**

Ph.D. Students



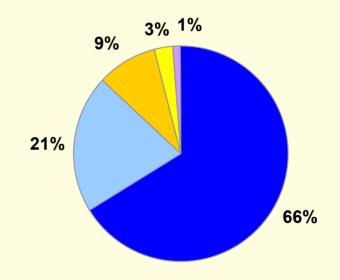


Master's n=233 Ph.D. n=12

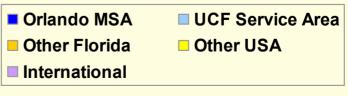
### **Employment Location**

(Source: Fall 2002 First Destination Survey)

- 66% employed in Orlando MSA
- 21% employed in UCF service area
- 9% other Florida
- 3% other USA







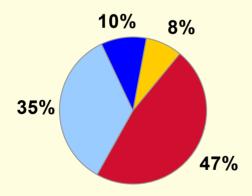
n=91

Master's= 87 Ph.D. = 4

#### Plans for Further Graduate or Professional School Education

(Source: Spring and Fall 2002 First Destination Surveys)

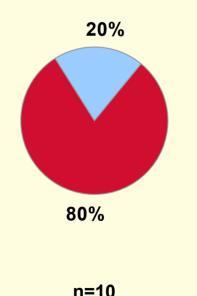
#### **Master's Students**



n= 210



immediate plans



Ph.D. Students



### **Questions About Surveys?**

#### Survey Inventory

Survey	Information Purpose	Office or Program Supported	Target Population	Schedule	Туре	URL (where available)
UNIVERSITY LEVEL SURVEYS:						
Student Satisfaction Inventory (National Survey)	Importance and Satisfaction with Academic and Service Experience	Entire institution	Enrolled undergraduate and graduate students	Every 3 years (last in 2001)	Scantron	
Graduating Seniors Survey (GSS)	Satisfaction with Academic and Service Experience	All administrative units and academic programs at UCF	Graduating Baccalaureate students	Ongoing, as students apply for graduation	Scantron	View Scantron form at: http://www2.oeas.ucf.edu/oeas2/pdf/GS200 1.pdf
GSS Program Specific Surveys for Academic Programs	Satisfaction with program academic and service experience, perceived learning outcomes, plans for further education and employment	Open to all academic programs	Graduating Baccalaureate students	Ongoing, as students apply for graduation	Scantron	
Graduating Graduate Students Survey (GGSS)	Satisfaction with academic and service experience	All administrative units and academic programs at UCF	Graduating Masters, Doctoral, and Certificate students	Ongoing, as students apply for graduation	Scantron	View Scantron form at: http://www2.oeas.ucf.edu/oeas2/SurveyPro gram/Grad2002/GraduateStudentSurvey20 01-2002.pdf
GGSS Program Specific Surveys for Academic Programs	Satisfaction with program academic and service experience, perceived learning outcomes, plans for further education and employment	Open to all academic programs	Graduating Masters, Doctoral, and Certificate students	Ongoing, as students apply for graduation	Scantron	

### Information, Planning, and Assessment

### Program Assessment and You



### Assessment Concepts AAHE Assessment Forum

- Thomas Angelo
  - Improve student learning
- Alexander Astin
  - Improve the functioning of the institution and its people
- T. Dary Erwin
  - Make inferences about student learning and development
- College of St. Benedict/St. John's University
  - Support program planning and accountability
- Front Range Community College
  - Evaluate and improve some aspect of institution
  - **Taylor University**

INFORMATION, PLANNING. & Achieve objectives and evaluate strategies

### **Program Assessment: Why Do It?**

#### External drivers

- Regional (e.g., SACS)
- Program-level accreditation
- State mandates

#### Internal drivers

- Good management
- Quality motivation
- Knowing where you are
- Knowing where you have been
- Knowing what is possible and how to get there



#### **Accreditation**

- Accreditation is important to UCF
  - Regional accreditation
    - Commission of Colleges of the Southern Association of Colleges and Schools (SACS)
    - Reaffirmation visit every ten years
      - Compliance certification and Quality Enhancement Plan in 2005
      - On-site visit in March-April 2006
    - Institutional effectiveness process is mandated Academic programs must conduct assessment Support services must conduct assessment
  - Program accreditation
    - Some academic programs have accreditation (e.g., ABET, CSAB, AACSB, APA, NCATE)
    - Self-studies required every 5 to 10 years
    - Regular assessment is an integral part



## SACS and Institutional Effectiveness (Old Criteria)

- "Engaged in an ongoing quest for quality and can demonstrate how well it fulfills its stated purpose"
- SACS advocates no single interpretation of IE
- Described by components
  - Institutional purpose
  - Program or unit purpose and goals
  - Employ a variety of assessment methods to evaluate goals
  - Demonstrate use of results of planning and evaluation for improvement of both educational programs and support activities



## Institutional Effectiveness (New SACS Principles)

#### Core Requirement 5

INFORMATION

The institution engages in ongoing, integrated, and institution-wide research-based planning and evaluation processes that incorporate systematic review of programs and services that (a) results in continuing improvement and (b) demonstrates that the institution is effectively accomplishing its mission

#### Comprehensive Standard 16

The institution identifies expected outcomes for its educational programs and its administrative and educational support services; assesses whether it achieves these outcomes; and provides evidence of improvement based on analysis of those results

## Who Within the Institution Has to Do It?

- Educational programs (quality of student learning and of research and service)
  - All levels: Associates, Bachelors, Masters, Doctoral
  - All disciplines and special programs (e.g., General Education)
- Administrative and Educational Support Services
  - Admissions, student support offices, administrative support offices, budget offices, computer technology support offices



## Institutional Effectiveness at UCF Three Related Processes

- Assessment process (Institutional Effectiveness)
  - Continuous improvement of programs and services
  - Conducted annually
- Program reviews and unit performance reviews
  - Academic programs
    - Legislatively mandated five year reviews
    - Discipline accreditation
  - Administrative units
    - Piloting 3-year review process in SDES
- Strategic planning
  - Includes comprehensive review of unit and program contributions to achieving university goals
    - Provides direction and strategic actions
      - Annual updates on progress and major revision every 5 years

### **Linkages and Separation**



#### **Linkages**

- Share data and information
- Inform budget processes

#### **Separation**

- Different cycles
- Additional data elements
- Different committees
- Continuous improvement versus evaluation

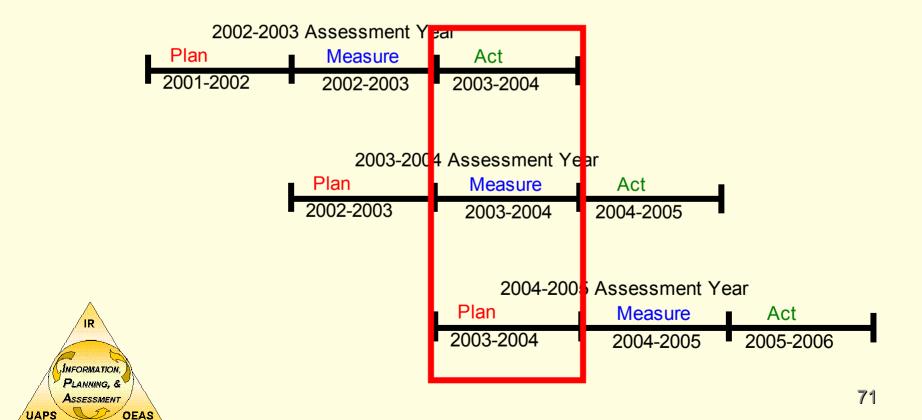
### Program Assessment (CQI) Process

- Every academic program (167) and administrative unit (97) must have an assessment plan and use the results to make improvements on an annual basis
  - Program (unit) mission statement
  - Program (unit) desired outcomes or objectives
  - Measurement approaches
  - Measurement results

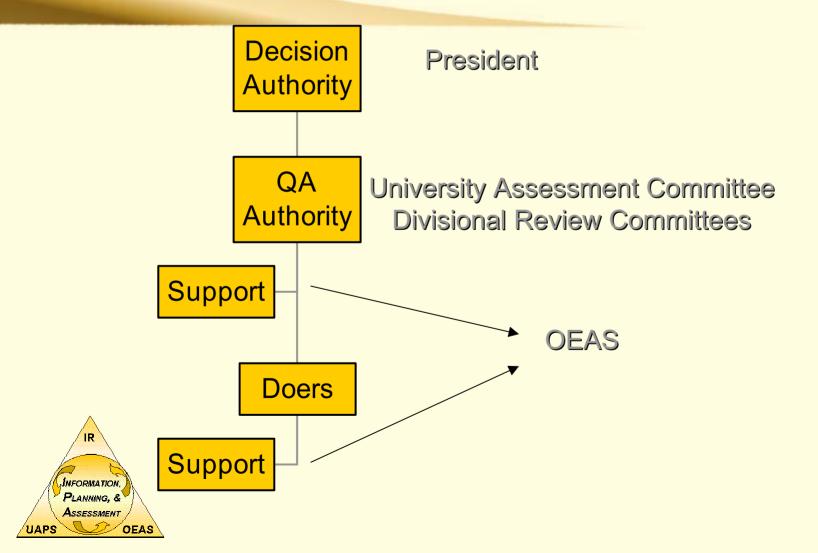
NEORMATION

- Planned use of results to improve program (unit)
  - Implemented quality improvements

#### **UCF's Annual Assessment Schedule**

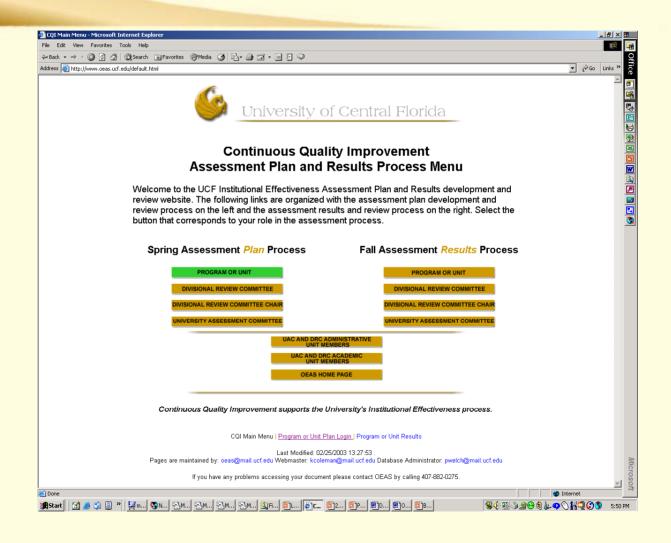


### **Organizational Structure**



### Supporting Assessment (OEAS)

http://www.oeas.ucf.edu/default.html http://www2.oeas.ucf.edu/oeas/phase2/view plans results.asp





## Why UCF is Becoming a National Leader in Program Assessment

- The level of support provided by the administration for assessment is envied
- Our website for submissions and reviews is a model for others
- Our organizational structure is a model for others

NEORMATION

- Conference and workshop presentations by IPA staff and by faculty
  - SACS, AAHE, ASEE, AIR, SAIR, FAIR, Rose-Hulman

### Your Role in Program Assessment

- Make use of the institutional resources to reduce your labor burden
  - Surveys

Information, Planning. &

- Data and information
- Consultations
- Figure out how to make use of the process to help improve your programs and operations
  - Identify meaningful measures
  - Take the time to use the results
- Be efficient: use the institutional process for multiple purposes
  - Program accreditation

# Information, Planning, and Assessment Innovations in Assessment College of Engineering and Computer Science



# Information, Planning, and Assessment Assessment Successes College of Education



### Information, Planning, and Assessment

### Information and Planning Support



### Information, Planning, and Assessment

#### The IPA Division



## Support for Assessment and Quality Improvement

- Training and consultations
- Web systems
- Survey design, administration, and analysis
- Process improvement studies



## Planning and Management Analysis Support

- Strategic and operational planning
- Enrollment planning
- Special studies and exploratory data analysis
  - Faculty salary
  - Plus and minus grades
  - Benchmarking
  - Rankings



### Data and Information Support

- Data access via the web
- Data extracts and queries
- Response to external surveys
- Official university data



#### **Questions**

IPA and OEAS: Julia Pet-Armacost jpetarma@mail.ucf.edu (407) 882-0276

UAPS: Robert Armacost armacost@mail.ucf.edu (407) 882-0286

IR: Sabrina Andrews slandrew@mail.ucf.edu (407) 823-5061

