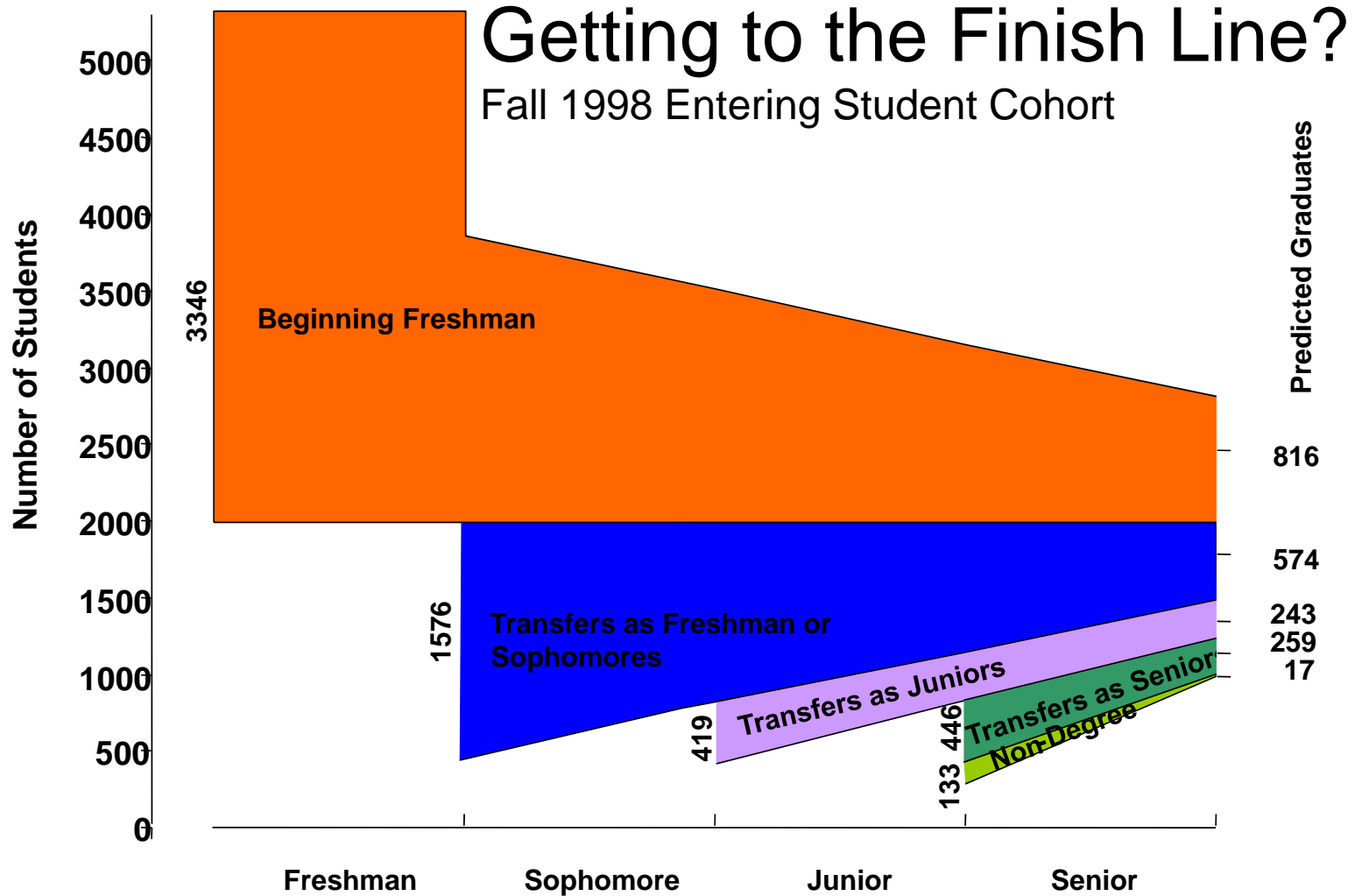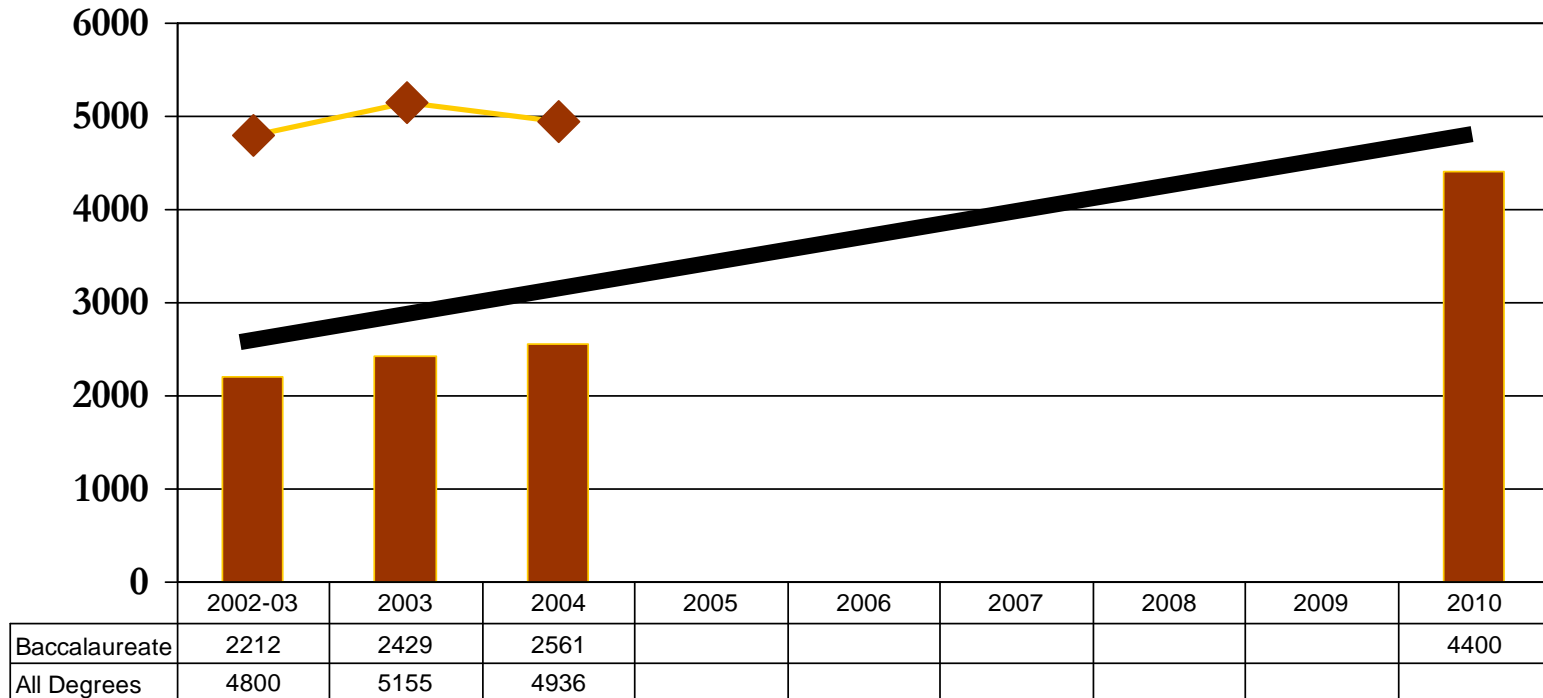# IUPUI
Why not both?

Edward C. Moore Symposium
Getting Students to the Finish Line
What Does It Take?

Charles R. Bantz

Chancellor of IUPUI

February 25, 2005

Getting to the Finish Line?
Fall 1998 Entering Student Cohort

The Doubling Challenge

	2002-03	2003	2004	2005	2006	2007	2008	2009	2010
Baccalaureate	2212	2429	2561						4400
All Degrees	4800	5155	4936						

Baccalaureate Degrees Conferred

EDUCATION AND TRAINING PAY
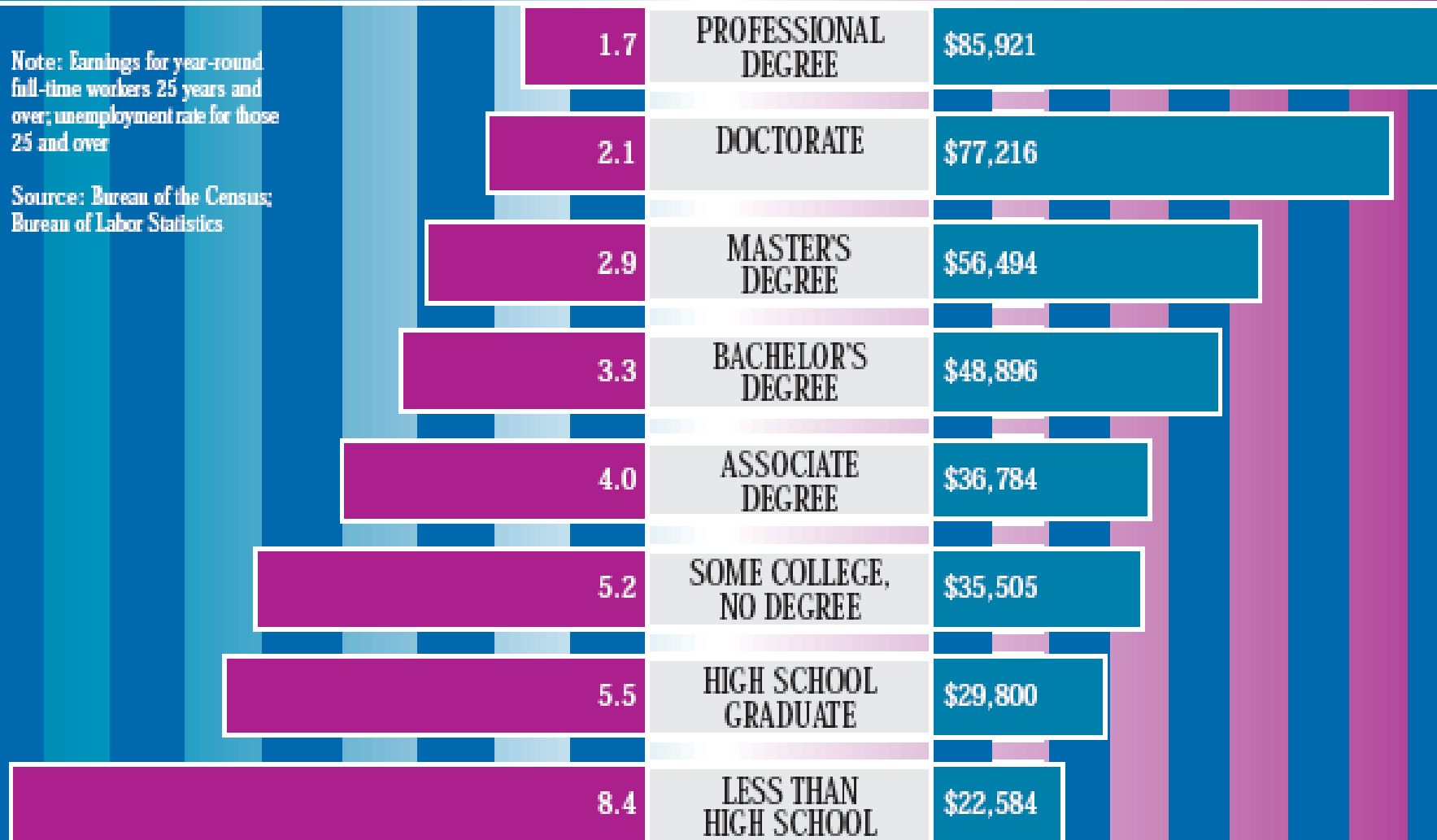
UNEMPLOYMENT RATE IN 2003

8% 7% 6% 5% 4% 3% 2% 1% 0

MEDIAN EARNINGS IN 2002

0 10 20 30 40 50 60 70 80

Note: Earnings for year-round full-time workers 25 years and over; unemployment rate for those 25 and over

Source: Bureau of the Census; Bureau of Labor Statistics

Unemployment Rate	Education	Median Earnings
1.7	PROFESSIONAL DEGREE	$85,921
2.1	DOCTORATE	$77,216
2.9	MASTER'S DEGREE	$56,494
3.3	BACHELOR'S DEGREE	$48,896
4.0	ASSOCIATE DEGREE	$36,784
5.2	SOME COLLEGE, NO DEGREE	$35,505
5.5	HIGH SCHOOL GRADUATE	$29,800
8.4	LESS THAN HIGH SCHOOL	$22,584

Getting to the Finish Line

What Works?

- **Preparation**
- **Support**
- **Engagement**

The Pipeline: What to Expect

Which of the following states will have the highest percentage increase in "minority" non-Anglo population of high school graduates by 2018?

- – **Kentucky**
- – **Indiana**
- – **Arizona**
- – **Florida**
- – **Illinois**
- – **Michigan**
- – **Texas**
- – **California**
- – **New Mexico**

Indiana High School Graduates
(in thousands)

	2003-04	2017-18	Change
Anglo	51	47	-8%
Non-Anglo	7	17	143%
Total	58	64	10%

The Pipeline:

We are now enrolling equal portions of transfer and entering students – about 3,000 new transfers per academic year.

Type of Transfer	Retention Rate
External	76%
Intercampus	54%

Transfer Students with GPA < 2.00

AY2000-01 through 2002-03

Potential Predictors of One-Year Retention Among Transfers

Predictor	Chi-Square
Institution of Origin	583.86
Type of transfer (Intercampus/External)	512.01
Transfer GPA	163.94
First Semester Course Load (full-time/part-time)	152.98
School at entry	138.58

Predictors of Success

"Raising the Graduation Rates of Low-Income Students"
Pell Institute for the Study of Opportunity in Higher Education

IUPUI
Why not both?

Student Characteristics	Institutional Approaches
Academic Preparation	•Summer Bridge Programs •First-Year Experience •Undergraduate Research •Faculty Interactions
Clear Academic and Career Goals Early Identification of Major	•Advising •Counseling •Mentoring
Social Integration	•Campus Residency •Use of Student Union (by commuters) •Campus Employment
Finances	•Grants (but not loans) •Scholarships •Work-Study
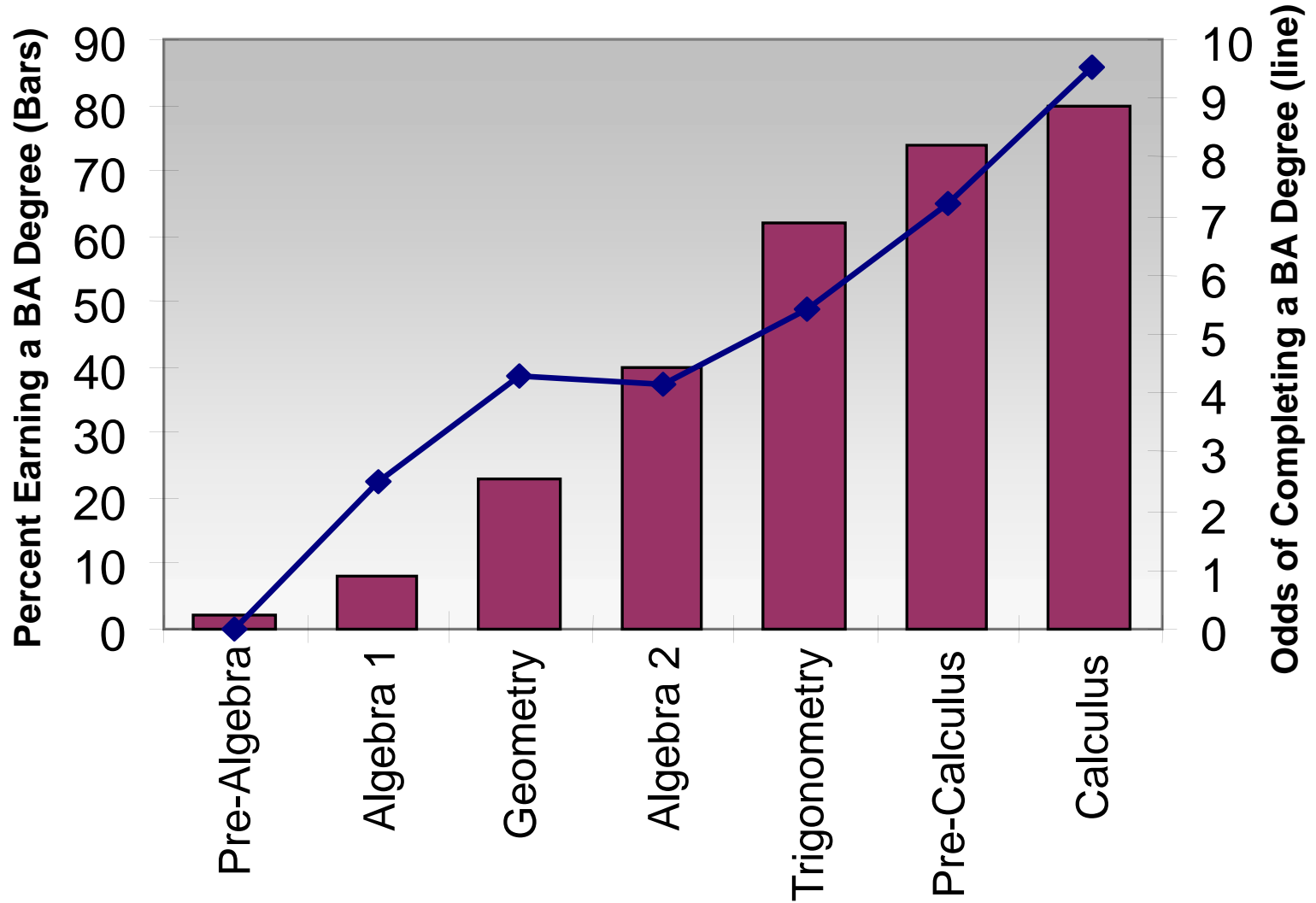
Support

- Interventions
  - Supplemental Instruction
  - Learning Communities
  - Peer Mentors
  - Academic Advising

- Russ Edgerton's Powerful Pedagogies (beginning to do better)
  - Undergraduate Research
  - Study Abroad
  - Service Learning
  - Co-curricular Activities
  - Internships

Support

Choice of Major

Influence on Retention

- – 35% of non-returning first-year students cite uncertainty about academic and career goals as an important reason for not returning.
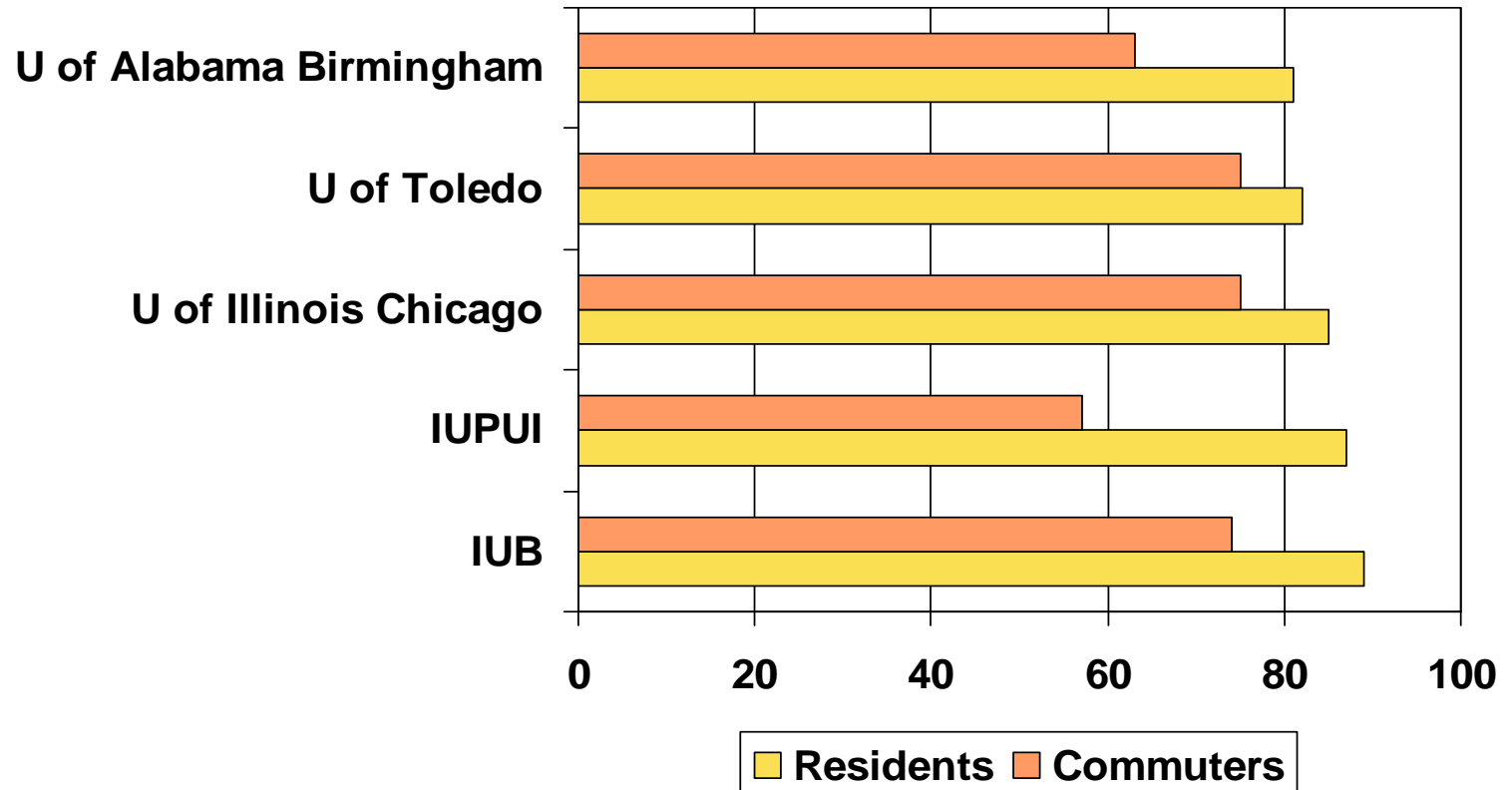
Engagement

Committed (self-direction) / Attachment (bonding)

Impact of Learning Communities on Student Retention

	N	Retention Rate
Regular Admits		
Participants	657	75%
Non-Participants	291	71%
Conditional Admits		
Participants	572	63%
Non-Participants	202	45%

Engagement
Living/Working On/Off Campus

Engagement: Student/Faculty Interactions

- Asking Questions in Class
- Participation in Team Assignments Outside Class
- Discussions with Faculty Outside Class

Asked questions in class or contributed to class discussions

	%	Retention Rate
Never	3	75
Sometimes	42	80
Often	32	81
Very Often	23	90

Council on Undergraduate Retention and Graduation: Recommendations

- **Build on Foundations of Excellence in the First College Year Project: Final Report Card from Two-Year Pilot Project**
  - Highest grades
    - Assessment Measures
    - Coordination of FYE Activities
  - Lowest grades
    - Diversity
    - Communicating curriculum expectations
- **Gateway Project to enhance retention at IUPUI**
  - Link faculty development and student learning.
  - Link career development with academic advising from entry to graduation.

Council on Undergraduate Retention and Graduation: Recommendations

- **Identify factors barring success of transfer students and implement interventions**

- **Increase use of technology to foster deeper learning**
  - E-portfolio
  - Online Fellows to aid faculty in use of technology for teaching/learning
- **The Senior-Year Challenge -- Catherine Souch leading subcommittee to explore issues**
  - bottleneck courses
  - tracking students in the major and follow-up
  - special difficulties for transfer students
  - financial aid issues)

Golden Opportunities for Engagement
People in Places

Golden Opportunities for Engagement

People in Places

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People in Places

Thanks!

Please Send Comments

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