Measuring the Ten-Year Impact of FYE Initiatives:

Today’s Agenda

1. Retention & Graduation
   Challenges of a public urban university

2. Measuring Progress
   Requires more than ‘FTFT’ and ‘IPEDS’

3. The Gateway Initiatives
   Early identification and interventions

4. Collaboration at IUPUI
   Success stories of working together

5. Predicting Graduations
   Retention & DFWs are just the beginning

6. Questions & Discussion

Forbes:
Best Colleges in the Midwest

The Challenging ‘BHAG’ Goal

Doubling Teaching & Learning

Retention and Graduation

IUPUI Academic Plan

http://www.iupui.edu/administration/chancellorsnews/08_soc_slideshow.pdf
Measuring the Ten-Year Impact of FYE Initiatives:

---

**Student Success 'Funnel'**

- Enrollment Shaping
- Early Interventions
- Fall-Spring Retention
- DFW Grades
- 1st Year F-F Retention

**U.S. IPEDS Survey Data**

- Institutional 'Price/Aid'
- Student 'Selectivity'
- FTFT = Cohort of First-Time, Full-Time, Students
- FTFT 6 yr Grad Rate
- FTFT 4 yr Grad Rate
- IPEDS Graduation Rates Based ONLY on FTFT Fall Beginning Students

**IPEDS 'FTFT' Cohort of Fall Beginners Captures Only:**

- 41% of IUPUI’s Entering New Undergraduate Students
- 26% of IUPUI’s Undergraduate degrees conferred < 6 yr

**‘Gateway’ First-Year Initiatives**

- 10 Year Retention Initiative
- 55 ‘Gateway’ Gen-Ed Courses
- 40,000 Semester Grades
- 475 Instructors
- 55 Course Coordinators
- Director and Advisory Board

**Current Focus:**

- Early Identification and Active Intervention

---

**IUPUI Fall-to-Fall Retention Trends For All Fall Entering Students**

- 15.5pp Improvement (+28%) in 10 Yr Fall-to-Fall Retention
Measuring the Ten-Year Impact of FYE Initiatives:

IUPUI Fall-to-Fall Retention Trends by Fall Mode of Admission

15.5pp Improvement (+28%) In 10 Yr Fall-to-Fall Retention

Student Success 'Funnel'

'DFW' and Retention

DFW' Course Grades 1st Year Retention

Course DFWs Predict Retention for All Students in both Fall and Spring Semesters

IUPUI Fall FTFT Cohort Students Retention vs DFW Grades

IUPUI All Fall Entering Students Retention vs DFW Grades

IUPUI All Fall Entering Students % Students Retained by Category

IUPUI All Fall Entering Students # Students Retained by Category

Fall-to-Fall Retention for Full-Time Beginners Only

Fall-to-Fall Retention for All Entering Students

DFW Grades for Fall Gateway Courses

All Gateway DFW Grades

Retention for All Fall Entering Students

Source: KEAW Analysis of IU Retention Reports

Ret’d of IUPUI DFW Reports v4

Enrollment Shaping: Fewer PT & more FTFT students improve retention

Improved retention & growth in # students & graduations with fewer entering students

24th International Conference on The First-Year Experience

K Wendeln & K Thedwall

June 24, 2011 © KEAW Page # 3
Measuring the Ten-Year Impact of FYE Initiatives:

**All Gateway Courses Spring and Fall DFW Trends**

<table>
<thead>
<tr>
<th>Semesters by AY</th>
<th>Spring DFW %</th>
<th>Fall DFW %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spr 11</td>
<td>23.5%</td>
<td>22.5%</td>
</tr>
<tr>
<td>Fall 10</td>
<td>21.9%</td>
<td>22.5%</td>
</tr>
<tr>
<td>Spr 10</td>
<td>21.5%</td>
<td>22.5%</td>
</tr>
<tr>
<td>Fall 09</td>
<td>22.5%</td>
<td>22.5%</td>
</tr>
<tr>
<td>Spr 09</td>
<td>22.5%</td>
<td>22.5%</td>
</tr>
<tr>
<td>Fall 08</td>
<td>23.5%</td>
<td>22.5%</td>
</tr>
<tr>
<td>Spr 08</td>
<td>22.5%</td>
<td>22.5%</td>
</tr>
<tr>
<td>Fall 07</td>
<td>22.5%</td>
<td>22.5%</td>
</tr>
<tr>
<td>Spr 07</td>
<td>22.5%</td>
<td>22.5%</td>
</tr>
<tr>
<td>Fall 06</td>
<td>22.5%</td>
<td>22.5%</td>
</tr>
</tbody>
</table>

**TUPUI Fall + Spring Entering Students Retention vs DFW Grades**

- Retention for All Fall Entering Students
- Fall + Spring DFW Grades

**Expanded Gateway Reports Fall + Spring Retention Trends**

- Detailed Department and Course DFW Reports get the Attention of Course Coordinators and Administrators

**Gateway DFWs by Department Five-Year Trend - to F10/S11**

- Cost of DFWs in Student Tuition
- 5 Years ~ $19.9 m

**Learning Communities Direct Impact on DFWs**

- Overall DFW Reduction for Fall - 1.2pp focused on Fall FTFT Students

24th International Conference on The First-Year Experience

K Wendeln & K Thedwall
June 24, 2011 © KEAW Page # 4
Measuring the Ten-Year Impact of FYE Initiatives:

### IUPUI Fall-to-Fall Retention Trends

<table>
<thead>
<tr>
<th>Year</th>
<th>Fall</th>
<th>Spr</th>
<th>Fall</th>
<th>Spr</th>
<th>Fall</th>
<th>Spr</th>
<th>Fall</th>
<th>Spr</th>
</tr>
</thead>
</table>

### Direct Impact vs Failing Grades

<table>
<thead>
<tr>
<th>Semester/AY</th>
<th>Fall</th>
<th>Spr</th>
<th>Fall</th>
<th>Spr</th>
<th>Fall</th>
<th>Spr</th>
<th>Fall</th>
<th>Spr</th>
</tr>
</thead>
<tbody>
<tr>
<td>Failing Grades</td>
<td>Administrative Withdrawals</td>
<td>Course Withdrawals</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spr 10</td>
<td>Fall 10</td>
<td>Spr 10</td>
<td>Fall 10</td>
<td>Spr 10</td>
<td>Fall 10</td>
<td>Spr 10</td>
<td>Fall 10</td>
<td></td>
</tr>
<tr>
<td>Spr 09</td>
<td>Fall 09</td>
<td>Spr 09</td>
<td>Fall 09</td>
<td>Spr 09</td>
<td>Fall 09</td>
<td>Spr 09</td>
<td>Fall 09</td>
<td></td>
</tr>
<tr>
<td>Fall 08</td>
<td>Spr 08</td>
<td>Fall 08</td>
<td>Spr 08</td>
<td>Fall 08</td>
<td>Spr 08</td>
<td>Fall 08</td>
<td>Spr 08</td>
<td></td>
</tr>
<tr>
<td>Fall 07</td>
<td>Spr 07</td>
<td>Fall 07</td>
<td>Spr 07</td>
<td>Fall 07</td>
<td>Spr 07</td>
<td>Fall 07</td>
<td>Spr 07</td>
<td></td>
</tr>
<tr>
<td>Fall 06</td>
<td>Spr 06</td>
<td>Fall 06</td>
<td>Spr 06</td>
<td>Fall 06</td>
<td>Spr 06</td>
<td>Fall 06</td>
<td>Spr 06</td>
<td></td>
</tr>
</tbody>
</table>

### Explaining and Predicting IUPUI Fall-to-Fall Retention Trends

- **15.5% Improvement (+28%)**
- **In 10 Yr Fall-to-Fall Retention**

### Summary & Indirect Impact

#### Administrative Withdrawal

- **Early Warning**
  - Fall 10
  - Fall 09
  - Fall 08
  - Fall 07
  - Fall 06

#### One-Drop Policy

- **Initiated in Fall 2009**
- **Impact not yet clear**

---

K Wendeln & K Thedwall
June 24, 2011 © KEAW
Measuring the Ten-Year Impact of FYE Initiatives:

**Explaining and Predicting IUPUI Fall-to-Fall Retention Trends**

- Delta: 8.0pp
- 15.5pp Improvement (+28%) In 10 Yr Fall-to-Fall Retention

**Student Success 'Funnel'**

**Next Steps**

- Enrollment Shaping
- 'DFW' Grades
- 1st Year Retention
- 2nd yr/Transf Initiatives
- 3rd yr 'Pipeline' to Graduation by School
- Predicting Graduates

**Benchmarks**

**Bach Degrees by IUPUI School**

Junior + Senior 'Pipeline' & Retention

**Improving Retention from the 'Inside Out'**

http://gateway.uc.iupui.edu

K Wendeln & K Thedwall
June 24, 2011 © KEAW