2013 Complete College Georgia Update

Georgia State University’s Student Success Initiatives

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Vice Provost
Chief Enrollment Officer

Georgia State University
THE CHALLENGE IN FRONT OF US

Baccalaureate Degree Attainment by Age 24 by Family Income Quartile
1970 to Present

THE CHALLENGE IN FRONT OF US

Pell

Fall 2007: 31%
Fall 2008: 32%
Fall 2009: 40%
Fall 2010: 48%
Fall 2011: 51%
Fall 2012: 56%

Pell Increase +152%

New Freshmen
The Challenge In Front Of Us

Unmet Financial Need

Cost of Full Year GSU Undergraduate Education: $20,600
(Including in-state tuition, fees, books, room and board)

$20,600

- UNMET NEED (In Some Cases Over $15,000)

  - WORK INCOME
  - FAMILY CONTRIBUTION
  - LOANS
  - PELL
  - HOPE

- There were over 14,000 students at GSU with unmet need during Fall 2012

- Students with unmet financial need often must take on multiple off-campus jobs, forego buying text books, and make other choices that negatively impact their ability to succeed academically.
The Challenge in Front of Us

Unmet Financial Need

Average Unmet Need

<table>
<thead>
<tr>
<th>Year</th>
<th>Fall 2010-11</th>
<th>Fall 2012</th>
<th>2-Year Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Freshmen</td>
<td>$2,819</td>
<td>$4,798</td>
<td>41%</td>
</tr>
<tr>
<td>Sophomore</td>
<td>$3,784</td>
<td>$5,444</td>
<td>30%</td>
</tr>
<tr>
<td>Junior</td>
<td>$3,997</td>
<td>$5,280</td>
<td>24%</td>
</tr>
<tr>
<td>Senior</td>
<td>$5,343</td>
<td>$6,792</td>
<td>21%</td>
</tr>
<tr>
<td>Total Undergraduate</td>
<td>$4,242</td>
<td>$5,785</td>
<td>27%</td>
</tr>
</tbody>
</table>

*Figure represents Total Undergraduate Degree Seeking*
Georgia State has been awarded a $600,000 NSF grant to pilot a program which fills unmet need for science majors and tracks the resulting impact on academic performance.
Impact of the Loss of HOPE at GSU (2008)

Students who lose HOPE support graduate at only half the rate of those who never had HOPE support in the first place.
TARGETED PROGRAMS

Structured Interventions

- Data based
- Pilot Programs. Revise.
- Revise again
- Promote successful programs to donors and funders
- Scale up to maximize impact
SUMMER SUCCESS ACADEMY

- 215 Highest At-Risk Freshmen: 7-credit hours summer session before freshman fall
- Intensive advisement, academic skills & financial literacy training

GPA Summer 2013: 3.29

Last year’s Academy:
- GPA Fall 2012: 2.95
- All other freshmen: 2.93
Supplemental Instruction (SI)

Targeted Programs

Average course GPA

Non SI: 2.41
SI: 2.91

One-Year Retention

No SI: 83.5%
SI: 91.2%

Students Benefitted 2012-13:

9,700
TARGETED PROGRAMS

Keep HOPE Alive

- Targets students who have lost HOPE
- Grants students $500/semester for one year on the condition they attend year-long series of academic skills workshops and individual advisement sessions
- Institutional HOPE Retention Rate 2008: 49%
  Institutional HOPE Retention Rate 2012: 75%
Panther Retention Grants

- Provide emergency funds to students who are registered for classes but who are dropped for non-payment
- As little as $300 has meant the difference between a student dropping out and being able to continue on the path to a college degree

Grants Awarded:

- Fall 2011: 41
- Spring 2011: 132
- 2012-2013 AY: 2,600
**SCHOLARSHIPS**

Need and Merit-based Institutional Scholarships

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>Amount</th>
<th>Growth</th>
</tr>
</thead>
<tbody>
<tr>
<td>FY 11</td>
<td>$1,815,906</td>
<td></td>
</tr>
<tr>
<td>FY 12</td>
<td>$3,110,456</td>
<td></td>
</tr>
<tr>
<td>FY 13 (proj)</td>
<td>$4,896,423</td>
<td>(+269%)</td>
</tr>
</tbody>
</table>
College Algebra

- Prior to Change: DFW rates were 43%
- Fall 2012: DFW rate of 21%
- Number of Students enrolled in courses taught through the MILE, 2012-13: 7,500+
- Additional passing grades: 1,650
Redesigning Majors: Nursing

How Well Does First-Year GPA Predict Graduation in NURSING AND HEALTH PROFESSIONS - NURSING and Overall?

What Opportunities Do We See to Inflect Change?

Graduation Rates by First-Year GPA
FT/FT Students

<table>
<thead>
<tr>
<th>GPA</th>
<th>N</th>
<th>0.0 - 2.0</th>
<th>2.0 - 2.2</th>
<th>2.2 - 2.4</th>
<th>2.4 - 2.6</th>
<th>2.6 - 2.8</th>
<th>2.8 - 3.0</th>
<th>3.0 - 3.2</th>
<th>3.2 - 3.4</th>
<th>3.4 - 3.6</th>
<th>3.6 - 3.8</th>
<th>3.8 - 4.0</th>
</tr>
</thead>
<tbody>
<tr>
<td>N</td>
<td></td>
<td>56</td>
<td>25</td>
<td>26</td>
<td>26</td>
<td>26</td>
<td>45</td>
<td>28</td>
<td>26</td>
<td>13</td>
<td>15</td>
<td>11</td>
</tr>
<tr>
<td>Graduated in program</td>
<td>Graduated in any program</td>
<td>University Grad Rate</td>
<td>19.0%</td>
<td>28.0%</td>
<td>24.0%</td>
<td>37.9%</td>
<td>40.0%</td>
<td>28.9%</td>
<td>42.9%</td>
<td>53.8%</td>
<td>69.2%</td>
<td>73.3%</td>
</tr>
</tbody>
</table>
Georgia State’s Web-Based GPS Advising System

- A collaboration with the Education Advisory Board and four other schools
- Based on 10 years of RPG data at Georgia State and 2.5 million grades
- Live, nightly feeds from Banner and daily alerts to advisors if students have missed any of the markers
- Predictive analytics for each student’s success in individual majors and courses
- Tracks 700+ alerts for risk factors
The Difference Between Satisfying a Requirement and Being on Track

Graduation Rate in Major by Introductory Course Grade

**Introduction to Chemistry**  
Natural Science majors

- A: 70.0%
- B: 66.7%
- C: 39.5%
- D/F: 8.3%

**Comparative Politics**  
Political Science majors

- A: 81.8%
- B: 73.9%
- C: 25.0%
- D/F: 6.2%

**Music Theory I**  
Music majors

- A: 66.7%
- B: 55.5%
- C: 12.5%
- D/F: 0.0%

*Alerts Based on Historical RPG Data*
Advisor-Designed Dashboards for Each Student
# Success Progress

## Academic Summary

### Fall Semester 2008

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Status</th>
<th>Minimum Performance</th>
<th>Student's Performance</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM1211K</td>
<td>Needs attention</td>
<td>Grade: C</td>
<td>Did not register</td>
</tr>
<tr>
<td>MATH1101 or Higher View details</td>
<td>Needs attention</td>
<td>1 course</td>
<td>Needs 1 more course to complete requirement</td>
</tr>
<tr>
<td>ONE INTRO ENGL View details</td>
<td>Completed</td>
<td>1 course</td>
<td>1 course completed</td>
</tr>
</tbody>
</table>

### Spring Semester 2009

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Status</th>
<th>Minimum Performance</th>
<th>Student's Performance</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL2107K View details</td>
<td>Needs attention</td>
<td>1 course</td>
<td>Did not register for courses</td>
</tr>
<tr>
<td>ENGL1102 or ENGL1103 View details</td>
<td>Completed</td>
<td>1 course</td>
<td>1 course completed</td>
</tr>
</tbody>
</table>
## Predictive Analytics for Every Major

The image displays a major matcher interface from Georgia State University. The interface shows a student's academic progress with a total of 171.00 credits earned and a cumulative GPA of 2.23. The major is Pre-Nutrition, B.S.

### Filter View:
- Show Strong Matches Only: [on]
- A. Young School Policy Studies
- College of Arts & Sciences
- College of Education
- College of Health Sciences
- Robinson College of Business
- Sch of Nursing & Health Prof.
- University College (Undeclared)

### Majors sorted by college:

#### College of Education
- Birth Through Five
- Early Childhood Education
- Health and Physical Education
- Undeclared
- Middle Level Education
- Exercise Science

#### College of Arts & Sciences
- Art Education
- Studio
- Art
- History
- Religious Studies
- Undeclared
- Music
- Journalism

#### College of Health Sciences
- Undeclared
- Criminal Justice
- Social Work
- Respiratory Therapy
- Nursing
- Pre-Nursing

#### Sch of Nursing & Health Prof.
- Undeclared
- Pre-Licensure Nursing
- Nutrition
- Pre-Nutrition
- Pre-Respiratory Therapy
- Respiratory Therapy
- Pre-Nursing

#### A. Young School Policy Studies
- Criminal Justice
- Pre-SW
- Social Work
- Economics
- Inter Economics and Mod Lang
- Public Policy

The interface allows students to browse majors and save their preferred options for easier future reference.
Predictive Analytics for Individual Courses
Ability to Track At-Risk and On-Track Students by Department

**Chemistry**
- Total: 606
- % Risk Levels: 94 Low, 186 Med, 112 High, 214 N/A
- Students on Academic Probation: 0

**Biological Science**
- Total: 2,712
- % Risk Levels: 887 Low, 882 Med, 412 High, 531 N/A
- Students on Academic Probation: 0

**Art**
- Total: 887
- % Risk Levels: 420 Low, 257 Med, 59 High, 151 N/A
- Students on Academic Probation: 0
## New Reports Identifying Problem Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Alert Desc</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 2101</td>
<td>Did not register</td>
<td>559</td>
</tr>
<tr>
<td></td>
<td>Missed Minimum Grade</td>
<td>218</td>
</tr>
<tr>
<td></td>
<td>Course not completed</td>
<td>53</td>
</tr>
<tr>
<td></td>
<td>Updated by advisor</td>
<td>5</td>
</tr>
<tr>
<td>ACCT 2102</td>
<td>Did not register</td>
<td>488</td>
</tr>
<tr>
<td></td>
<td>Missed Minimum Grade</td>
<td>160</td>
</tr>
<tr>
<td></td>
<td>Course not completed</td>
<td>46</td>
</tr>
<tr>
<td></td>
<td>Updated by advisor</td>
<td>8</td>
</tr>
<tr>
<td>BIOL 1110K</td>
<td>Did not register</td>
<td>532</td>
</tr>
<tr>
<td></td>
<td>Missed Minimum Grade</td>
<td>139</td>
</tr>
<tr>
<td></td>
<td>Course not completed</td>
<td>36</td>
</tr>
<tr>
<td></td>
<td>Updated by advisor</td>
<td>1</td>
</tr>
<tr>
<td>BIOL 1120K</td>
<td>Did not register</td>
<td>490</td>
</tr>
<tr>
<td></td>
<td>Missed Minimum Grade</td>
<td>128</td>
</tr>
<tr>
<td></td>
<td>Course not completed</td>
<td>14</td>
</tr>
<tr>
<td>BIOL 2300</td>
<td>Did not register</td>
<td>224</td>
</tr>
<tr>
<td></td>
<td>Missed Minimum Grade</td>
<td>169</td>
</tr>
<tr>
<td></td>
<td>Course not completed</td>
<td>55</td>
</tr>
<tr>
<td>BIOL 2310</td>
<td>Did not register</td>
<td>286</td>
</tr>
<tr>
<td></td>
<td>Missed Minimum Grade</td>
<td>43</td>
</tr>
<tr>
<td></td>
<td>Course not completed</td>
<td>19</td>
</tr>
<tr>
<td>BUSA 3000</td>
<td>Did not register</td>
<td>376</td>
</tr>
<tr>
<td></td>
<td>Missed Minimum Grade</td>
<td>76</td>
</tr>
<tr>
<td></td>
<td>Course not completed</td>
<td>37</td>
</tr>
<tr>
<td></td>
<td>Updated by advisor</td>
<td>6</td>
</tr>
<tr>
<td>CHEM 1151K</td>
<td>Did not register</td>
<td>104</td>
</tr>
<tr>
<td></td>
<td>Missed Minimum Grade</td>
<td>48</td>
</tr>
<tr>
<td></td>
<td>Course not completed</td>
<td>4</td>
</tr>
</tbody>
</table>

Why are so many students missing the threshold grade in Accounting?

Why are so many students not taking introductory science courses on time?
PRELIMINARY RESULTS

Completing Success Markers

Number of Active Alerts

129.6K

74.3K

Sept 2012
June 2013

43%
Percent Decrease in Active Alerts as of the End of Spring 2013
Preliminary Results

Students Making Earlier Major Decisions

Percent of First-Year Students Changing Majors

- AY 2010: 16%
- AY 2011: 17%
- AY 2012: 23%

Major Changes Likely to Lower Risk

- 38% Higher risk after major change
- 62% Lower risk after major change
More Students Lowering Risk

Students Who Reduced Risk Term-Over-Term | Students Who Increased Risk Term-Over-Term

<table>
<thead>
<tr>
<th>Year</th>
<th>Reduced</th>
<th>Increased</th>
</tr>
</thead>
<tbody>
<tr>
<td>AY 2012</td>
<td>57%</td>
<td>43%</td>
</tr>
<tr>
<td>AY 2012</td>
<td>55%</td>
<td>45%</td>
</tr>
<tr>
<td>AY 2013</td>
<td>71%</td>
<td>29%</td>
</tr>
</tbody>
</table>

Baseline years

Roughly 15% increase in students improving their risk term over term
GROWING NATIONAL ATTENTION

THE CHRONICLE OF HIGHER EDUCATION

COMPLETE COLLEGE AMERICA

THE WALL STREET JOURNAL
A NEXT GENERATION UNIVERSITY

Jeff Selingo, Kevin Carey, Hilary Pennington, Rachel Fishman, and Iris Palmer

of the next generation of students who will lead the economy and society of the future. This is the story of how the University of Georgia is transforming itself into a world-class institution that prepares students for success in the 21st century.

EDUCATION POLICY PROGRAM

NEW AMERICA FOUNDATION

The University of Georgia is a public research university located in Athens, Georgia. It is one of the state's two public doctoral universities and is classified among "R1: Doctoral Universities - Very High Research Activity." The university offers more than 150 undergraduate and graduate programs across 17 colleges and schools. It is the largest university in the state of Georgia and is known for its strong programs in agriculture, forestry, and engineering.

In recent years, the University of Georgia has focused on improving its academic programs, increasing student diversity, and enhancing the student experience. The University has implemented new initiatives such as the"Next Generation" program, which aims to provide a more personalized and engaging learning experience for students. The program includes a range of programs and services, such as the"My Student Success Coach," which provides personalized academic guidance for students, and the"Freshman Seminar," which offers small-group discussions and opportunities for students to connect with faculty.

The University of Georgia is committed to preparing students for success in the 21st century by providing them with the knowledge and skills they need to succeed. The University has partnerships with a variety of organizations and companies to provide students with internship and job opportunities, and it has a strong alumni network that provides resources and support for students.

The University of Georgia is proud of its history and tradition of excellence and is committed to continuing its legacy of providing a quality education for all students.
### Georgia State Degree Conferrals

<table>
<thead>
<tr>
<th>Year</th>
<th>Degree Conferrals</th>
</tr>
</thead>
<tbody>
<tr>
<td>07-08</td>
<td>5,857</td>
</tr>
<tr>
<td>08-09</td>
<td>6,188</td>
</tr>
<tr>
<td>09-10</td>
<td>6,419</td>
</tr>
<tr>
<td>10-11</td>
<td>6,901</td>
</tr>
<tr>
<td>11-12</td>
<td>7,365</td>
</tr>
<tr>
<td>12-13</td>
<td>7,590</td>
</tr>
</tbody>
</table>

**5-Yr Change**  
+30%
Georgia State Graduation Rates

- 2003: 32%
- 2013: 53%
Graduation and Pell Rates
Urban Research Universities

- UNLV: 39%
- U Mass Boston: 40%
- IUPUI: 33%
- Portland State: 35%
- Texas-San Antonio: 27%
- Cleveland State: 28%
- Wayne State: 26%
- Arkansas-Little Rock: 20%
- Georgia State University: 53%

**Lower Pell**

**Higher Pell**
MAKING A DIFFERENCE

Graduation + Retention + National Student Clearinghouse Data

- White: 31.6% Graduation, 50.8% Retention, 76.9% National Clearinghouse
- African American: 25.6% Graduation, 55.2% Retention, 75.8% National Clearinghouse
- Hispanic: 22% Graduation, 66.4% Retention, 95.2% National Clearinghouse

Georgia State University
Georgia State’s 2012-13 Scorecard

- Largest number of degrees conferred in GSU history: 7,590
- Most Latino students graduated in GA. Named “One of the Top 100 Hispanic Serving Universities in the U.S.”
- Most Asian American students graduated in Georgia
  Ranked #49 in the nation
- Second highest increase in graduation rates for underrepresented students in the nation – Education Trust
## Making a Difference

### Top National Gainers in Hispanic Graduation Rates

<table>
<thead>
<tr>
<th>Rank</th>
<th>University Name</th>
<th>Undergrad FTE Fall 2009 Enrollment</th>
<th>% Hispanic among Undergrad FTE Fall 2009 Enrollment</th>
<th>Hispanic Six-Year Grad Rate 2004</th>
<th>Hispanic Six-Year Grad Rate 2010</th>
<th>Change in Hispanic Six-Year Grad Rates 2004-2010</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Eastern Connecticut State University (CT)</td>
<td>4,631</td>
<td>5.5%</td>
<td>20.0%</td>
<td>57.8%</td>
<td>37.8%</td>
</tr>
<tr>
<td>2</td>
<td><strong>Georgia State University (GA)</strong></td>
<td><strong>18,758</strong></td>
<td><strong>6.9%</strong></td>
<td><strong>22.0%</strong></td>
<td><strong>59.4%</strong></td>
<td><strong>37.4%</strong></td>
</tr>
<tr>
<td>3</td>
<td>East Stroudsburg University of Pennsylvania (PA)</td>
<td>6,022</td>
<td>5.7%</td>
<td>25.8%</td>
<td>56.1%</td>
<td>30.3%</td>
</tr>
<tr>
<td>4</td>
<td>University of Utah (UT)</td>
<td>17,509</td>
<td>5.5%</td>
<td>30.6%</td>
<td>59.6%</td>
<td>29.0%</td>
</tr>
<tr>
<td>5</td>
<td>Clemson University (SC)</td>
<td>14,696</td>
<td>1.6%</td>
<td>40.6%</td>
<td>69.0%</td>
<td>28.4%</td>
</tr>
<tr>
<td>6</td>
<td>University of North Carolina at Charlotte (NC)</td>
<td>17,469</td>
<td>4.6%</td>
<td>30.2%</td>
<td>55.2%</td>
<td>25.0%</td>
</tr>
<tr>
<td>7</td>
<td>Central Washington University (WA)</td>
<td>9,798</td>
<td>7.7%</td>
<td>38.1%</td>
<td>62.6%</td>
<td>24.5%</td>
</tr>
<tr>
<td>8</td>
<td>University of GA (GA)</td>
<td>25,160</td>
<td>3.0%</td>
<td>64.5%</td>
<td>87.3%</td>
<td>22.8%</td>
</tr>
<tr>
<td>9</td>
<td>Virginia Commonwealth University (VA)</td>
<td>20,285</td>
<td>4.2%</td>
<td>25.9%</td>
<td>48.7%</td>
<td>22.8%</td>
</tr>
<tr>
<td>10</td>
<td>Millersville University of Pennsylvania (PA)</td>
<td>6,911</td>
<td>3.9%</td>
<td>30.0%</td>
<td>52.0%</td>
<td>22.0%</td>
</tr>
</tbody>
</table>

*Source: The Education Trust, September 2012*
## Top 100 Degree Producers

### 2012 Bachelor's Degrees Conferred to African Americans Nationally

<table>
<thead>
<tr>
<th>Institutions</th>
<th>State</th>
<th>Total</th>
<th>% Grads</th>
<th>%Chg</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Georgia State University</td>
<td>GA</td>
<td>1262</td>
<td>31%</td>
<td>17%</td>
</tr>
<tr>
<td>2 FAMU</td>
<td>FL</td>
<td>1224</td>
<td>94%</td>
<td>5%</td>
</tr>
<tr>
<td>3 North Carolina A &amp; T State University</td>
<td>NC</td>
<td>1172</td>
<td>90%</td>
<td>-6%</td>
</tr>
<tr>
<td>4 Jackson State University</td>
<td>MS</td>
<td>966</td>
<td>94%</td>
<td>4%</td>
</tr>
<tr>
<td>5 Howard University</td>
<td>D.C.</td>
<td>953</td>
<td>93%</td>
<td>-10%</td>
</tr>
<tr>
<td>6 University of Central Florida</td>
<td>FL</td>
<td>939</td>
<td>9%</td>
<td>10%</td>
</tr>
<tr>
<td>7 University of Memphis</td>
<td>TN</td>
<td>862</td>
<td>32%</td>
<td>0%</td>
</tr>
<tr>
<td>8 Troy University</td>
<td>AL</td>
<td>859</td>
<td>32%</td>
<td>4%</td>
</tr>
<tr>
<td>9 University of Florida</td>
<td>FL</td>
<td>859</td>
<td>10%</td>
<td>11%</td>
</tr>
<tr>
<td>10 University of South Florida-Main Campus</td>
<td>FL</td>
<td>845</td>
<td>12%</td>
<td>6%</td>
</tr>
<tr>
<td>11 University of North Texas</td>
<td>TX</td>
<td>835</td>
<td>13%</td>
<td>11%</td>
</tr>
<tr>
<td>12 Temple University</td>
<td>PA</td>
<td>831</td>
<td>15%</td>
<td>-5%</td>
</tr>
<tr>
<td>13 University of Maryland-University College</td>
<td>MD</td>
<td>809</td>
<td>25%</td>
<td>11%</td>
</tr>
<tr>
<td>14 Florida Atlantic University</td>
<td>FL</td>
<td>808</td>
<td>18%</td>
<td>-3%</td>
</tr>
<tr>
<td>15 Virginia Commonwealth University</td>
<td>VA</td>
<td>805</td>
<td>19%</td>
<td>13%</td>
</tr>
</tbody>
</table>

Source: Diverse Issues in Higher Education