STRONGER by DEGREES
University of Kentucky Institutional Progress Report

President Eli Capilouto
February 8, 2013
Institutional Profile

Education
• Largest, most diverse and best prepared class in university history.
• 71 National Merit Scholars
• WSJ National Biz Quiz and Alltech Innovation Competition

Research
• Approximately $247.7 million in extramural research expenditures in FY 2011
• More than $372 million in total research expenditures in FY 2011
• Markey Cancer Center invited for NCI designation review

Service
• UK HealthCare named top hospital in Kentucky
• First heart-lung block transplant in the state in 15 years and one of 27 nationwide
• Maintaining our commitment as Kentucky’s land grant university
2011-15 Strategic Agenda

- College Readiness
- Student Success
- Research, Economic, & Community Development
- Efficiency & Innovation
## College Readiness

<table>
<thead>
<tr>
<th>Performance Metric</th>
<th>Baseline</th>
<th>Most Recent</th>
<th>Target</th>
<th>Progress: Baseline to Target</th>
<th>Five-year Change (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Teacher Excellence (Top 15% Nationally)</td>
<td>23.7%</td>
<td>21.9%</td>
<td>30%</td>
<td>0%</td>
<td>-8%</td>
</tr>
</tbody>
</table>

Percent of teaching program graduates scoring in the top 15 percent nationally on Praxis II Practice of Learning and Teaching (PLT) licensure exams. The metric is based on a three-year average.

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College Readiness

What we have done

• Created a one-stop-shop for prospective students
• The Academic Preparation Program has been expanded to any student who needs remedial support in math, reading and writing.
• New bridge programs are offered to freshmen, including a residential FastTrack for Calculus and Science.
• High impact strategies are created for the most vulnerable students transitioning to UK, especially First-Generation Initiatives, Robinson Scholars, Student Support Services, CARES, and student organizations such as CATalyst.
• The revised general education curriculum (UK Core) was designed to smooth students' transition from high school to a research university and to establish foundations for advanced learning.
• K Week, a highly acclaimed introductory experience for all students, is intended to introduce high school graduates to a college environment.

What we are doing

• The STEAM Academy, a partnership with the Fayette County Schools, will create an urban public school in 2013 offering personalized instruction, internships, and dual/college credit opportunities to ensure students will graduate college and be ready for a career.
• Collecting the first round of data tied to UK Core outcome measures
• Strategy to move highly successful UK 101 course to two credit hours
• College of Education and P20 Lab are engaged with school districts in Central Kentucky
### Student Success

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<tbody>
<tr>
<td>Degrees and Credentials (Total)</td>
<td>5,466</td>
<td>6,000</td>
<td>6,240</td>
<td>69%</td>
<td>6%</td>
</tr>
<tr>
<td>Bachelor’s Degrees</td>
<td>3,521</td>
<td>3,735</td>
<td>4,000</td>
<td>45%</td>
<td>3%</td>
</tr>
<tr>
<td>Master’s Degrees</td>
<td>1,211</td>
<td>1,231</td>
<td>1,450</td>
<td>8%</td>
<td>-10%</td>
</tr>
<tr>
<td>Doctoral Degrees—Research</td>
<td>265</td>
<td>322</td>
<td>300</td>
<td>100%+</td>
<td>10%</td>
</tr>
<tr>
<td>Doctoral Degrees—Professional Practice</td>
<td>469</td>
<td>566</td>
<td>490</td>
<td>100%+</td>
<td>57%</td>
</tr>
<tr>
<td>Bachelor’s Graduation Rate</td>
<td>59.5%</td>
<td>57.6%</td>
<td>61.0%</td>
<td>0%</td>
<td>-6%</td>
</tr>
<tr>
<td>Graduation Rate—Low Income*</td>
<td>7.5 ppt</td>
<td>17.7 ppt</td>
<td>5.3 ppt</td>
<td>0%</td>
<td>Not Available</td>
</tr>
<tr>
<td>Low Income/Moderate-High Income Rate</td>
<td>56.6%/64.1%</td>
<td>42.7%/60.4%</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Graduation Rate Gap—Underprepared*</td>
<td>19.9 ppt</td>
<td>21.5 ppt</td>
<td>21.5 ppt</td>
<td>0%</td>
<td>Not Available</td>
</tr>
<tr>
<td>Underprep./Prep. Rate</td>
<td>41.8%/61.7%</td>
<td>38.9%/60.5%</td>
<td></td>
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* Note: based on preliminary calculations.
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<tr>
<td>Graduation Rate Gap—Underrepresented Minority* URM/Non-URM Grad Rate</td>
<td>16.0 ppt 44.5%/60.5%</td>
<td>8.4 ppt 50.0%/58.4%</td>
<td>11.2 ppt</td>
<td>100%</td>
<td>Not Available</td>
</tr>
<tr>
<td>Transfers from KCTCS*</td>
<td>1,829</td>
<td>1,981</td>
<td>1,920</td>
<td>100%+</td>
<td>Not Available</td>
</tr>
<tr>
<td>Net Direct Cost*</td>
<td>-$1,178</td>
<td>-$334</td>
<td>-$1,180</td>
<td>0%</td>
<td>Not Available</td>
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Student Success

**Areas for Improvement?**
Selected themes from the Sophomore Attrition Survey
- Academic Advising
- Major Selection
- Access to Competitive Majors
- Course Availability
- Difficulty with Courses

**Areas for Improvement?**
Selected themes from the Graduating Senior Survey
- Changed Major/Lost Credit
- Work Conflicted w/ Class
- Course Availability
- Family Conflict
- Tuition and Cost

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**1st to 2nd and 1st to 3rd Year Retention for the 2000-2010 cohorts**

- **Cohort Year**
  - 2000: 70.8%
  - 2001: 77.7%
  - 2002: 79.3%
  - 2003: 77.8%
  - 2004: 78.4%
  - 2005: 78.9%
  - 2006: 77.8%
  - 2007: 76.4%
  - 2008: 81.8%
  - 2009: 81.5%
  - 2010: 81.9%

**Six-Year Overall Graduation Rate**

- **Fall Cohort**
  - 96-97: 57.7%
  - 97-98: 61.1%
  - 98-99: 59.6%
  - 99-00: 59.8%
  - 00-01: 61.4%
  - 01-02: 57.7%
  - 02-03: 59.6%
  - 03-04: 58.2%
  - 04-05: 59.0%
  - 05-06: 61.4%

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**1st to 2nd and 1st to 3rd Year Retention**

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  - 04-05: 59.0%
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Student Success

Strategies

• Senior Vice Provost for Student Success
• Student Success integrated into Provost’s Council on Metrics
• Expansion of several critical programs:
  • Honors program
  • Living-Learning communities
  • Peer-to-peer tutoring
  • Newly created and fully staffed transfer office
  • Dual-Enrollment/Dual-Credit
• Maintaining our commitment to affordability
• Reorganizing International Affairs Office to support students and faculty
• National Council on Undergraduate Research at UK in 2014
Student Success

Public/Private Partnership with EdR to revitalize campus residence halls

• Students living on campus in interactive communities persist and graduate at higher rates

• 100 percent equity brought by EdR allows us to focus our resources to rebuild academic and research spaces
## Research, Economic, & Community Development

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<tbody>
<tr>
<td>Externally-Funded Research and Development</td>
<td>$241,700</td>
<td>$247,745</td>
<td>$290,000</td>
<td>13%</td>
<td>10%</td>
</tr>
<tr>
<td>(in Thousands)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>STEM+H Degrees*</td>
<td>1,979</td>
<td>2,222</td>
<td>2,356</td>
<td>64%</td>
<td>13%</td>
</tr>
</tbody>
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Research, Economic, & Community Development

Extramural R&D Expenditures, FY11

Federal Government
State and Local Governments
Industry
Non-profit organizations

NSF Survey of R&D Expenditures, UK

<table>
<thead>
<tr>
<th></th>
<th>FY08</th>
<th>FY09</th>
<th>FY10</th>
<th>FY11</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extramural R&amp;D</td>
<td>208,969</td>
<td>201,218</td>
<td>235,275</td>
<td>252,049</td>
</tr>
<tr>
<td>Expenditures</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Institutional R&amp;D</td>
<td>97,103</td>
<td>110,271</td>
<td>124,669</td>
<td>120,883</td>
</tr>
<tr>
<td>Expenditures</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>All other sources*</td>
<td>23,282</td>
<td>40,454</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total All Fund Sources</td>
<td>329,354</td>
<td>351,943</td>
<td>359,944</td>
<td>372,932</td>
</tr>
</tbody>
</table>

*NSF changed the reporting mechanism on grants, clinical trials and imputed F&A
Research, Economic, & Community Development

Research Success Stories

- CAER Research Laboratory
- Chandler Medical Center
- Center for Clinical Translational Sciences
- Biopharmaceutical Complex
- Markey Cancer Center
- Economic Development
# Efficiency and Innovation

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</thead>
<tbody>
<tr>
<td>Online Learning (Percent of all credit earned through online learning)*</td>
<td>4%</td>
<td>Not Available</td>
<td>6%</td>
<td>6%</td>
<td>Not Available</td>
</tr>
<tr>
<td>Credits Earned By Degree Graduates*</td>
<td>139</td>
<td>Not Available</td>
<td>132</td>
<td>Not Available</td>
<td></td>
</tr>
</tbody>
</table>

**Notes:**

*Online learning* measures the percent of completed student credit hours delivered through distance learning.

*Credits earned by degree graduates* includes all bachelor’s degree recipients during the year.

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Efficiency and Innovation

• Development of a values-based financial model that better aligns our revenues and expenses as we strive to meet our mission.

• Partnering with a private company that provides 100% of the equity and financing to ensure that we maintain the university’s debt capacity to help finance critical building needs.

• Improving the UK Core by standardizing the general education curriculum.

• Aggressive pursuit of blended courses and flipped classroom models.

• Integrating technology-rich content into the delivery of education and the research process against the backdrop of a constantly changing learning environment.
Efficiency and Innovation

Creative partnership to ensure our future

**Gatton College**
- Capacity for planned enrollment/teaching growth
- Community and student study spaces to facilitate collaborative learning.
- 500 seat auditorium.
- Modern classrooms with at least 20 large-capacity instructional spaces
- Conference Center
- Executive MBA center
- LEED Silver/Gold Project.

**Commonwealth & Nutter Training Center**
- Improved training space for student-athletes
- Spectator improvements
- Multi-purpose recruiting room, home team facilities
- 16 – 20 private suites
- 2,000 new club seats
- New press facilities
- New full service kitchen
- Maintain/slightly reduce seating capacity

**Academic Science**
- Interdisciplinary science teaching labs/classrooms.
- Contemporary teaching and collaborative learning space.
- Student commons, group and individual study rooms.
- Utilized for introductory science courses so students learn the commonalities of multiple disciplines.
- Shelled research space
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