President’s Council

March 29, 2013
Liberal Arts and Sciences

22 academic departments and one school

President’s Council
March 29, 2013
Overview

- LAS at a glance
- Impact
  - Learning
  - Research
  - Engagement
- Potential
- Strategic Initiatives
  - Learning
  - Research
  - Advancement
LAS at a glance: Students

- 6,362 undergraduate students (25% of ISU)
- 1,161 graduate students (25% of ISU)
  - 40% of PhD students
- 13% are US minorities
  - 36% of African Americans
- 64% are Iowa residents
- 42 majors (ISU: 100)
- Placement rate: 92.0%
  - (ISU: 93.3%)
LAS at a glance: Employees

- 752 full time employees (2,330 total)
- Faculty:
  - 650 total
  - 483 full time
  - 446 tenure track (34% of ISU)
- Staff: 157 P&S, 56 merit
- 77 postdocs (26% of ISU)
Impact: Learning

- **50%** of total SCH
- **64%** of lower division SCH
- Open Option: 775 students
- Learning communities: Over 80% include LAS course
- Princeton’s “300 Best Professors”: 4 in Iowa, 3 at ISU, 2 in LAS – D. Gentile and J. Monroe
- Planned new programs: Major in Public Relations
  Major in Criminal Justice
  MS in Applied Statistics

ISU Student Chapter
American Meteorological Society
Impact: Learning – beyond campus

- HHMI grant, led by C. Ogilvie: National model for STEM education
- Mathematics Department is ISU link to APLU and Gates Foundation “Institutional Consortium for Adopting Personalized Learning”
- Powell-Coffman (GDCB) is a Vision and Change Leadership Fellow

Number of students enrolled in research labs, inquiry labs and active lectures since the start of the HHMI project
Impact: Research

- Mathematical, physical, and life sciences
- Social sciences
- Communications
- Humanities

Differentiation of adult rat neural stem cells
Don Sakaguchi, GDCB
Rankings:

• NRC: Of top 10 ISU programs, 7 are in LAS:
  - Statistics*
  - Analytical, Organic, and Inorganic Chemistry
  - Plant Physiology*
  - Physics
  - Economics*

• US News and World Report: Top 5 LAS programs
  - Statistics* 10\textsuperscript{th} among publics 20\textsuperscript{th} overall
  - Analytical Chemistry 14\textsuperscript{th} among publics 14\textsuperscript{th} overall
  - Chemistry 23\textsuperscript{rd} among publics 38\textsuperscript{th} overall
  - Physics 29\textsuperscript{th} among publics 48\textsuperscript{th} overall
  - Economics* 29\textsuperscript{th} among publics 54\textsuperscript{th} overall

* Co-administered with AgLS
Impact: Research

- Presidential Initiative:
  - PIIR1: 6 finalists. One with LAS PI, four with LAS Co-PIs
  - PIIR2: 6 finalists. Three with LAS PIs, four with LAS Co-PIs

- Ames Laboratory CMI:
  - 16 ISU faculty - 8 from LAS

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Gary Wells, national expert on eye witness identification

TALEN technology one of Top 10 Science Breakthroughs for 2012 (Science, 12/2012)

$7.5M Carver Trust gift for Structural Biology and BBMB
Impact: Research

- 1 NAS member
- 18 AAAS Fellows
- 41 Fulbright Scholars
  - 7 from Math, Science
  - 15 from Social Sciences
  - 19 from Humanities
- 12 NEH, 18 CAREER, 14 Sloan awards
- 2007 Nobel Peace Prize (IPCC)

W. Gutowski
Member, IPCC

J. Andrews, 2013 Woodrow Wilson Center Award

M. Sanchez
2012 PECASE
Impact: Engagement

- Course availability
- Open Option advising
- ELO, Testing, Writing & Media, IEOP, …
- Ames Laboratory – 42 LAS faculty, 34 with AL funding
- Spousal accommodations – 44 on campus, 32 in LAS

The Skunk River Navy: Jim Colbert
1,700 biology students and 62 tons of trash
Impact: Engagement
Potential for enhanced impact

- LAS budget very sensitive to tuition
- Student enrollments
- Research expenditures
- Advancement
- Faculty salaries
LAS Strategic Initiatives

- Student recruitment and retention
- LAS Signature Themes
- LAS Advancement
Student Recruitment and Retention

- Increase enrollment in LAS majors while enhancing academic quality and student support
- Improve all contacts with prospective students
  - Expand and simplify scholarship process for new students
  - Develop welcoming face-to-face and web presence
  - Encourage department visit days
  - Change culture from “advising” to “recruiting and advising”
- Develop more first-year orientation classes
- Share best practices among coordinators of learning communities
• Biological Systems and Structures
• Complex Materials
• Data-rich environments
• Economic, environmental, and societal sustainability
• Global citizen, education, and technology
• Guide faculty hiring
• Support through Signature Research Initiative
• Hold faculty-led workshops on Signature Themes
• Encourage interdisciplinary collaborations, increase grant activity, enhance AAU stature
LAS Advancement

• Build LAS External Relations Team: Communications, development, alumni relations, business relations
Take-home messages

- LAS – the “university within the university”

- LAS Strategic Priorities:
  - Increase enrollment in LAS majors
  - Build research focus, collaborations through LAS Signature Themes
  - Grow engagement with external partners
“You have a very good college that is ready for you to make it great. I am there to help.”

E-mail from President Leath, April 10, 2012
LAS revenue dominated by tuition

<table>
<thead>
<tr>
<th>Revenue Source</th>
<th>Amount</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition</td>
<td>$99,785,240</td>
<td>77.9%</td>
</tr>
<tr>
<td>State Funds</td>
<td>$25,113,454</td>
<td>19.6%</td>
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<tr>
<td>Indirect Cost Returns</td>
<td>$3,262,000</td>
<td>2.5%</td>
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</tbody>
</table>
Faculty Salaries

2012 Peer Land Grant Universities Faculty Salary Comparison

$5.0M to reach 1.0
$2.2M to reach 0.9