Extraordinary People Global Impact
CoE Strategic Plan Update

Engineering Advisory Council: April 9, 2010
Timeline: October 2009 – April 2010

- October/November – 32 team roadmaps + 3 white papers
- November/December - Extraction and classification of key actions
  - Map to strategic plan goals
  - Foundational, Blue Ocean, Low-Hanging Fruit, Game Changing
- January – Integration retreat
  - 16 people: faculty, alums, communicators, administrative staff leaders
  - From actions to themes to stories
- February – Strategic Plan stories presented to the Purdue Foundation Development Council
PURDUE COLLEGE OF ENGINEERING

Extraordinary People
Global Impact

STRATEGIC PLAN 2009-2014

Purdue Foundation Development Council, February 13, 2010

Leah H. Jamieson
The John A. Edwardson Dean of Engineering
VISION

We will be known for our impact on the world.
Graduates Effective in a Global Context

Our graduates will be prepared for leadership roles in responding to the global technological, economic, and societal challenges of the 21st century.
We will focus our talent and facilities on research with great potential for expanding the boundaries of science and technology and addressing the global challenges and opportunities of the 21st century.
We will create a leadership culture and environment where the people of Purdue Engineering can dream their boldest dreams and collaborate in a place where those dreams can become reality.
Always
@PurdueEngineering
Always@PurdueEngineering – a $160M investment

- Scholarships, Fellowships & Student Support: $105M
- International & Experiential Programs: $10M
- College-wide i2i Learning Labs: $20M
- Student Projects “Hangar”: $10M
- Learning HUBs: $10M
- “Faculty of 2020”: $5M
Change The World
@PurdueEngineering
## ChangeTheWorld@PurdueEngineering – a $120M investment

<table>
<thead>
<tr>
<th>Category</th>
<th>Amount</th>
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<tbody>
<tr>
<td>Endowed Professorships, Global Fellows &amp; Scholars</td>
<td>$25M</td>
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<tr>
<td>System of Systems Institute</td>
<td>$15M</td>
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<tr>
<td>Technology-Policy Partnerships</td>
<td>$25M</td>
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<td>World-class Research Facilities</td>
<td>$25M</td>
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<tr>
<td>Research HUBs</td>
<td>$5M</td>
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<td>Post-award Support &amp; Research Galaxies</td>
<td>$25M</td>
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Innovate
@PurdueEngineering
Innovate@PurdueEngineering – a $110M investment

Innovation Ecosystem:
- Innovation Institute, Skunkworks, Collaboratory $75M
- Endowed Innovation Fellows & Agents $20M
- Alumni/ae Classroom Innovators $15M
OurPeopleOurCulture
@PurdueEngineering
OurPeopleOurCulture@PurdueEngineering – a $90M investment

Leadership Sabbaticals & Fellowships $10M
Faculty Learning Communities $10M
Faculty Rotations & Influencers in Residence $20M
“Staff of 2020” $20M
Center for Diversity (CoE/C4D) $30M
College of Engineering – a $530M investment in the future

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<tr>
<td>Always@PurdueEngineering</td>
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<td>ChangeTheWorld@PurdueEngineering</td>
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<tr>
<td>OurPeopleOurCulture@PurdueEngineering</td>
<td>$90M</td>
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<tr>
<td>Other Capital Projects &amp; Unrestricted Support</td>
<td>$50M</td>
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Because dreams need doing
Next Steps: First Actions

First Actions Teams

- Select “First Actions”
- Recruit leadership and assemble teams
- Agree on scope and impact goals, near-term milestones and resources, and reporting format and frequency
- Interview stakeholders to assess and refine value propositions
- Integrate Discovery Driven Planning to develop and test project milestones and resource implications
- Organize team captain retreat to share preliminary plans and develop synergies across projects followed by regular on-going touch
Next Steps: Monitoring Progress

- Monitoring Plan and First Actions Progress
  - Refine impact indicators; collect and present baseline data in easy scan format
  - Map key Polarities and do baseline assessment
  - Finalize process and assemble external review team
  - Provide project management dashboard for teams to customize
Next Steps: Communications

- Communicate, Communicate, Communicate
  - Regular feedback loops with Provost, ELT, EAC, DFAC, frequency TBD
  - Faculty & Staff meetings in the schools (fall)
  - Dean’s Faculty-Staff e-Letter (semesterly)
  - Redesigned and up-to-date web presence
  - Materials mailed to key constituencies, frequency TBD
Extraordinary People
Global Impact ...

... the journey continues