Defining Agriculture...

Building a sustainable and secure food production system

Utilize molecular approaches to expand the frontiers of agriculture

Develop a robust bioeconomy to feed and power the world
Defining Agriculture...

Strengthen ecological and environmental integrity in agricultural landscapes

Enhance food and health

Facilitate informed decision making to improve economic and social well-being
Purdue Agriculture 2009-2014: People, Purpose, Impact

Leadership in the Food, Agricultural, Life, and Natural Resource Sciences

Students Prepared for a Changing World

Discovery Addressing Our Most Pressing Social and Scientific Issues

Extension that is Engaged, Connected, and Impactful

P-14 Students Interested in and Prepared for Agricultural Sciences

Our College:
Who We Are and How We Work

Purdue University is an equal access/equal opportunity institution.
Leadership in the Food, Agricultural, Life, and Natural Resource Sciences

Expand capacity in plant biology
Transform plants to improve crops
Automate large-scale plant analysis
Commercialize products and graduate leaders

P L A N T  S C I E N C E S
P U R D U E  A G R I C U L T U R E
Connecting with Industry, Creating Innovative Partnerships

[Logos of various companies]

[Bar chart showing commercialization activity]

Purdue University is an equal access/equal opportunity institution.
Purdue Improved Crop Storage

- Over 3.5 million PICS bags sold in Africa
- Demonstrations to about 1.6 million people in almost 31,000 villages

Where Are PICS Bags Made?
- Current
- Just started or about to start

Purdue University is an equal access/equal opportunity institution.
New Ag and Life Sciences Building

- Phase I – Ag and Life Sciences Building - $46m
- Phase II – Meats Lab and Teaching Arena - $16.2m
- Phase III – Vivarium - $24.5m
Students Prepared for a Changing World

Purdue University is an equal access/equal opportunity institution.
College of Agriculture
Key Undergraduate Retention Rates

Data from College Retention Reports in Cognos compared to West Lafayette campus figures from the Purdue Data Digest.
CATE: College of Agriculture Transformational Experiences

- Study Abroad
- Undergraduate Research
- Internships
- Leadership Development Certificate Program 2.0
- Entrepreneur Day
- Issues 360 Certificate Program
- Student Farm
- ...

Purdue University is an equal access/equal opportunity institution.
Discovery Addressing Our Most Pressing Social and Scientific Issues

Grant Activity – Award Value by Sponsor

Data from GM Awards Infoprovider – Maintained by Sponsored Programs

Purdue University is an equal access/equal opportunity institution.
Research at the Purdue Agricultural Centers

Source: Tom Bechman, AgriNews
Extension that is Engaged, Connected, and Impactful

Purdue Extension

Making a Difference in Delaware County

Extending Wellness Education to School Staff
In 2010, Purdue Extension began a partnership with Yorktown Schools to provide wellness education to staff members. Educational sessions are held twice a month and include cooking lab and educational material presented. Each month, a different topic is demonstrated to participants. In 2010 participants reported they would:
- Use healthier cooking techniques (i.e., baking instead of frying)
- Be mindful of portion sizes, especially during the holidays

Purdue Extension Delivers
- We improve lives and livelihoods by delivering tested and trusted educational resources.
- Our information on business, the environment, family, youth, and other topics, is based on the latest scientific research.
- We draw upon the expertise of a national network of universities and bring it to local communities.

Purdue Extension serves the people of Indiana (and beyond) to ensure a better quality of life for all.

Helping Landowners Sustainable Farming Practices
Owners who live on small acreages often need to be aware of new agriculture practices that can benefit them. In 2010, Purdue Extension of Delaware County hosted a series of classes called "On the Land." The classes discussed a variety of sustainable farming practices that small farmers could use to maintain or make real income from their land.

Classes emphasized using sustainable practices to grow crops, vegetables, and nurseries, and produced many other farming subjects.

Purdue Extension - Delaware County
100 W. Main St. Room 202
Marion, IN 47355-2075
765-747-7732
www.extension.purdue.edu/delaware

Purdue University is an equal access/equal opportunity institution.
Purdue University is an equal access/equal opportunity institution.
Who We Are and How We Work

Women and Minority Tenure-Track Faculty FY 2014

<table>
<thead>
<tr>
<th></th>
<th>Professor</th>
<th>Associate</th>
<th>Assistant</th>
</tr>
</thead>
<tbody>
<tr>
<td>Women</td>
<td>14.46%</td>
<td>24.39%</td>
<td>48.72%</td>
</tr>
<tr>
<td>Minority</td>
<td>13.86%</td>
<td>26.83%</td>
<td>25.64%</td>
</tr>
<tr>
<td>N</td>
<td>166</td>
<td>82</td>
<td>39</td>
</tr>
</tbody>
</table>

% COA Undergraduate Underrepresented Minorities

Purdue University is an equal access/equal opportunity institution.
Looking Ahead – Other Initiatives

- Facilitating High Impact Teams/Positioning Teams for Funding Success – i.e. Soybean Team
- Professional MS Programs
- Distance Learning Task Force
- Local Foods Initiatives
- International Partnership Building: China, Colombia, India, Brazil, …
- Development Support: Facilities, Scholarships, Faculty Chairs…
- Set stage for 2014-19 Strategic Plan
- …
Our Vision: Purdue Agriculture will make the world better through:

- Students who are prepared to make a difference
- Research with purpose leading to discovery with impact
- Engagement that transforms lives and livelihoods