

International Agriculture Engagement as a Heightened Grand Challenge

A Vision Presented to the CSREES
Review Team
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Fundamental issue

Why Globalize?

- Challenges of food, feed, fiber, and energy
- No more, distant problems of poor nations
- Interdependence and "Interaction"
- Ramifications have been massive and mutual
- Global awareness, a survival tool for all!

Problem Statement

- Agronomy is a legacy PU Int. Ag. program
- Current programs: scattered/decentralized
- Value in more focused and unified program
- A more coordinated International front at College and University level; value and recognition
- Match University policy with Aspiration of Globalization

The Vision?

We are committed to International Agriculture Engagements at Purdue Agronomy in each of our mission areas as part of the College and University Globalization Plan.

Areas and Means of Engagement

EDUCATION

Issues:

Capacity Building; Institutional Strengthening at partner institutions; Strengthen our own capacity in global engagement.

Potential Projects:

Sister University concept; Partner with emerging global programs; New Global Higher Education Programs

Areas and Means of Engagement

RESEARCH

Issues:

Decline in research support; Integrative science; Complexity of tropical problems; Need for new/multiple tools; Fits in aspirations of global engagement and linkages

Potential Projects: CRSPs; Foundations; CG partnerships; Challenge programs;

Areas and Means of Engagement

EXTENSION

Issues: Resurgence of need in extension; US universities leadership; Success at the private sector; Public-private engagement

Existing Models: Public; NGOs; Private

Potential Projects: Via NGOs; Emerging global programs; possibly CG centers

Ways & Extent of Globalization

- Total Immersion: Go to the World
- Bring the World to the Classroom
- Time Abroad (Year, Semester, Sp. Brk)
- Sabbatical Leave
- Secundment to Other Institutions/Programs
- A country, region, continent

How much internationalization does an AGRY department need or take ?

Current International Activities

A very small sampling:

- Study Abroad for Undergraduate Students
- Host International Visitors
- Serve as Visiting Faculty
- Invited Speaker at International Conferences
- Organize International Symposia
- Research & Edu Collab with Other Universities
- Research Collaboration With Int Centers
- Member of State Dept Delegation to Africa

International Research Collaboration & Leadership

- USAID CRSP
 - INTSORMIL
- McKnight Collaborative Research
- IARC-University Linkages
 - IITA, ICRISAT, IRRI
- Challenge Programs of CGIAR
 - GCP, Harvest Plus
- Science Council, CGIAR
- Bill & Melinda Gates Foundation

Challenges to Intl. Engagement

- Currency for Promotion & Tenure
- Mentoring & Compensation
- Institutional or Federal Incentive Grants
- Overseas assignment on Career
- Family and Spousal Issues
- A growing Societal Inward Perspective

University Leadership & Policy

- A Unified Globalization Front
- Align University Policy with Aspiration
- Establish Incentive Grants, Programs
- Encourage Interested US Grad Students
- Establish Lasting Partnerships
- Seek Alternative Funding Avenues
 - Endowments, Grants, Gifts