Penn State's International Ag Dual-Title Program:

Building Interdisciplinary Networks and Training Professionals of the Future

Ariel Rivers, PhD Candidate
Melanie Miller-Foster, PhD
Pennsylvania State University
AIARD Annual Meeting, June 2, 2015
INTAD: International Agriculture and Development dual-title

- 2 simultaneous degrees
- Interdisciplinary skillset
- Rigorous requirements
- Attracts Penn State applicants
- Competitive advantages
- **Successful** students and graduates

Maggie, PhD candidate: Entomology and INTAD
We need well trained professionals.
The dual-title graduate program prepares global, disciplined students.

Kristie, MS candidate: Soil Science and INTAD

Erika, PhD candidate: Ag Ed and INTAD

INTAD student coursework:

Development Theory
Program Design & Delivery
Natural Resources
Agricultural Extension
Education

Monitoring & Evaluation
Economics
Pest Management
Sociology
Geography

Carolyn, MS candidate: Rural Sociology and INTAD
Participating programs in College of Agriculture.

- Agricultural & Extension Education
- Agricultural, Environmental and Regional Economics
- Entomology
- Plant Pathology
- Rural Sociology
- Soil Science
24 current students, 10 graduates

INTAD attracts top applicants to Penn State

http://agsci.psu.edu/international/intad/students
International field experience: 18 Countries so far!

INTAD students at Instituto Superior de Agricultura in the Dominican Republic, 2013.
“I learned a TON!”
Maggie researching lablab bean pests in Bangladesh
Sarah, Future Leader, 2015 and beyond!
“INTAD gives me a different perspective on my research, making me more conscious of the global impacts.”

Loren studying brassica pests in Germany.
“Only by stepping outside of my comfort zone could I gain independence as a researcher.”

Olivia trying cacao for the first time in Nicaragua
Paige, currently in Costa Rica with her 3 year old, Madeleine.
**Interdisciplinary skillsets:**

<table>
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<th>Grant writing</th>
<th>Collaborative networks</th>
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<tbody>
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<td>Developing programs</td>
<td>International portfolios</td>
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<td>Logistics</td>
<td>Language skills</td>
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Rigorous, practical experience.
Student success:

- Borlaug Fellows in Global Food Security
- Future Leader Forum
- World Food Prize
- Professional awards
- Employed Graduates

Megan and Kristie, INTAD students at WFP
Distributing supplies after 2015 earthquake in Nepal.

Sulav Paudel, MSc
IPM Coordinator,
iDE Nepal

https://blogs.lt.vt.edu/compass/first-person-account-from-nepal/#more-4119
“The program and the people involved in it were so important to my time at Penn State, and to how I think about my professional future.”

Dr. Kristal Jones
Research Associate,
Socio-Environmental Synthesis Center, UMD
What’s next:

- Collaborations
- Investments
- Speakers
- Career Positions
- Expanding INTAD program

http://news.psu.edu/story/317984/2014/06/09/academics/when-it-comes-global-education-dual-degrees-are-better-one
More information:
http://agsci.psu.edu/international/intad

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