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Freeman Asia Internship Program

Summer 2017

IWU Freeman Asia Internship, Philippines

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The IRRI logo consists of the letters 'IRRI' in a white, serif font, set against a green rectangular background.

International
Rice Research
Institute

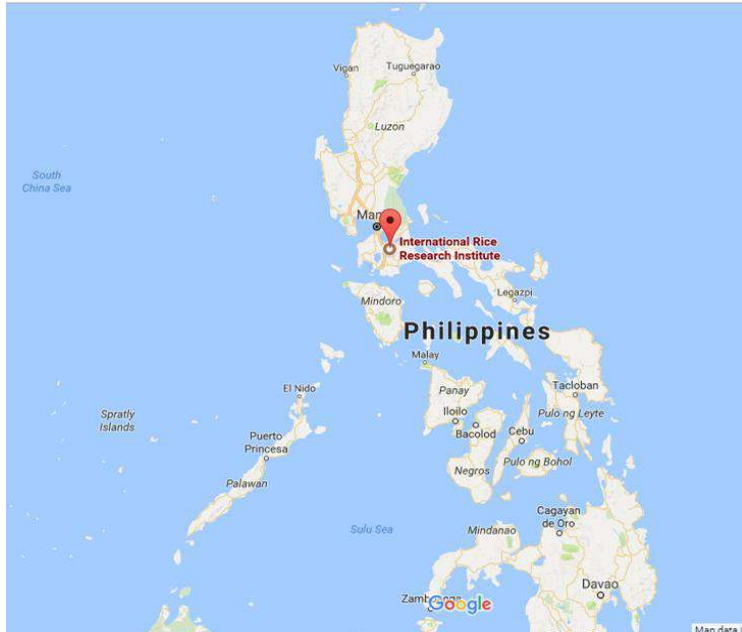
IWU FREEMAN ASIA INTERNSHIP



Presented by: Ojaswee Shrestha

About IRRI

- Headquartered in Los Banos, Philippines
- 17 offices in rice-growing countries in Asia and Africa



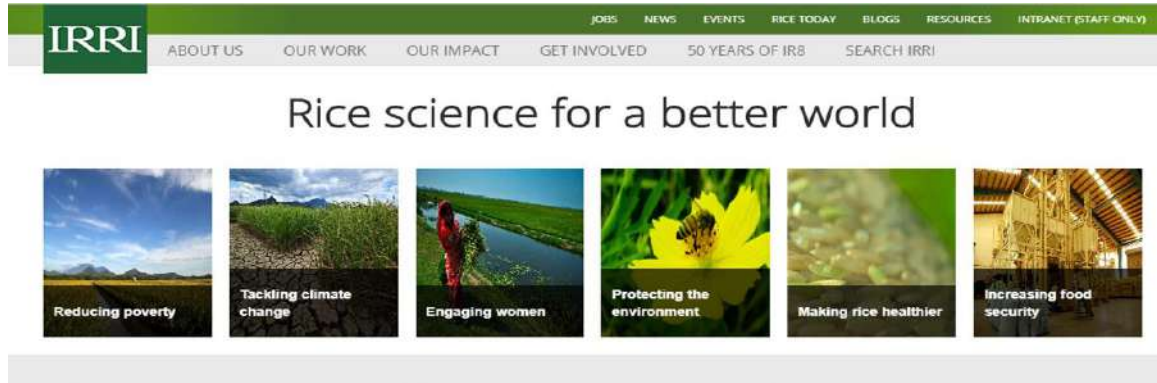
About IRRI

- The International Rice Research Institute (IRRI) is the world's premier research organization in rice science
- Independent, nonprofit, research and educational institute
- About 2000 scholars have conducted research at the institute while pursuing their MS and PhD degrees (1962-2014)



IRRI's Mission Statement

- Mission: “IRRI aims to reduce poverty and hunger, improve the health of rice farmers and consumers, and ensure environmental sustainability of rice farming”
- Goals: ensure that rice production is stable and sustainable, does minimal harm to the environment, and can cope with climate change.



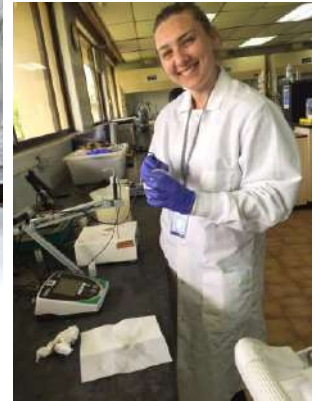
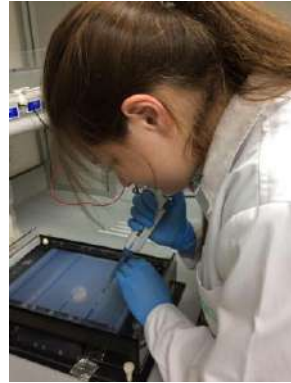
IWU Students at IRRI

- Crop and Environmental Sciences
- Genetics & Biotechnology Division
- Plant Breeding Division



Our work

- Ecological pest management
- Breeding drought and flooding resistant rice
- Unravel grain quality traits
- Genetic modification- increase the concentration of Zinc
- Iron biofortification project
- Produce improved offspring
- Making C4 rice for higher yields



Internship/Research Activities

Affiliated department: Entomology (Crop and Environmental Sciences Division)

My work:

- Learn Insect taxonomy
- Environmentally friendly pest management
- Develop and execute independent experiment and study
- Biological management of pests → reduce pesticide use



Cultural Experiences

