



June/July 2018

Course Announcement: Standardization of stem rust field notes and germplasm evaluation, with discussions on stripe rust and leaf rust



The International Maize and Wheat Improvement Center (CIMMYT) in collaboration with Kenya Agricultural Livestock Research Organization (KALRO) and Cornell University under the Delivering Genetic Gain in Wheat (DGGW) Project are pleased to announce the 2018 course on "Standardization of stem rust field notes and germplasm evaluation, with discussions on stripe rust and leaf rust."

The course is designed for new and upcoming wheat breeders and pathologists from the public and private sector in Africa, Middle East, and Central and South Asia, who wish to learn about the three rust pathogens. The course will include field and greenhouse evaluation of germplasm for reaction to stem rust and the standardization of these notes. The course will also include lectures on epidemiology and pathology of yellow (stripe) rust and brown (leaf) rust. Students will be updated with current knowledge and innovative techniques that progress and increase efficiency in their breeding activities.

There will be a limited number of fellowships provided for course participants. The cost for self-sponsored participants is (excluding air travel) is USD 1500. Number of participants is limited to 20.

Intent to participate must be received at CIMMYT no later than 15th August, 2018.

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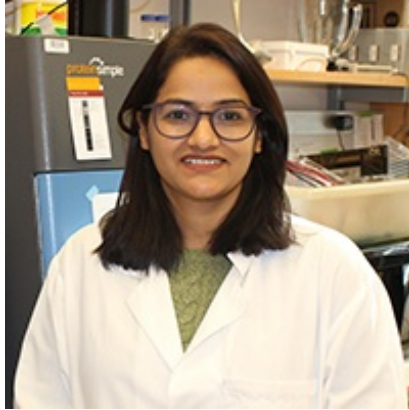
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I'm a Young Ag Scientist, and This is My Story



Radhika Bartaula

Recently, Radhika Bartaula contributed a blog post to the Chicago Council on Global Affairs about her experiences as young agricultural researcher. Radhika is completing her PhD at the University of New Hampshire and was awarded a Jeanie Borlaug Laube Women in Triticum Early Career Award this past April at the BGRI Workshop in Morocco.

[Click here to read Radhika's blog post](#)

Leveraging DGGW Investment in Early Career Scientists

I started my research of wheat rust diseases in 2015 at the University of Jordan where I am a plant pathologist by training who had never worked directly with wheat stem rust. I became determined to conduct pathogen surveillance of stem rust in Jordan due to the lack of current knowledge of Pgt races and its population genetics in Jordan and the reports of Ug99 in Egypt in 2014.

In 2016, I started surveying and collecting wheat rust samples from various parts of wheat-growing regions in Jordan. The survey was funded by a grant from the Deanship of Scientific Research, University of Jordan.

In 2017, with support of the Delivering Genetic Gain in Wheat, or DGGW project, I was able to further my research on wheat rust. I attended an intensive two week-training course on Pgt phenotyping, genotyping, and wheat germplasm field evaluation working in collaboration with the USDA-ARS scientists at the Cereal Disease Laboratory in Minnesota. Dr. Yue Jin, Dr. Les Szabo, and Dr. Pablo Olivera were instrumental in my wheat rust pathology training. Thanks to my newly acquired skills, I am now part of the global rust network of scientists conducting rust surveillance.



After my return to Jordan, I submitted a proposal to the Fulbright Visiting Scholar Program (Post Doctoral award) to phenotype and genotype the collected rust samples and to understand how they fit into the larger picture of the Africa/Middle East/Central Asia/Southern Europe population. The Fulbright Program is designed for scholars interested in pursuing a specific collaborative research project in the United States for a period ranging from a

minimum of four months to nine months maximum. It was a great surprise to me to received confirmation of the Fulbright Award while I was attending the BGRI Technical Workshop in Marrakesh, Morocco, in April 2018.

I appreciate the efforts of the DGGW and BGRI team at Cornell University, and the CDL-USDA staff, in supporting me. Thanks to their help, I was able to gain the Fulbright fellowship.

NOTE FROM BGRI EDITORS: A big congratulations to Kholoud for taking such initiative and for being awarded a Fulbright Fellowship. Best of luck in phenotyping and genotyping of the race types in Jordan. We look forward to hearing what you learn.

Kholoud Alananbah is an Assistant Professor in the Department of Plant Protection at The University of Jordan.

From the BGRI Blog

24 July: [From Seed to Harvest: A community-based Seed System Initiative in Nepal](#)

11 July: From GREAT: [Towards demand-led gender-responsive breeding in wheat: Insights from the BGRI Technical Workshop](#)

10 July: [Inauguration of the Regional Cereal Rust Research Center in Turkey](#)

[BGRI Blog](#)

Barberry at the International Congress of Plant Pathology (ICPP)

A DGGW sponsored session at the ICPP:

Where the Wild Barberry Are: Alternate Hosts, New Virulence and Rust Pandemics That Never Quit

Tuesday July 31, 8:30-10:30am

Speakers include Yue Jin, Zhensheng Kang, Anna Berlin, Julian Rodriguez-Algaba, Radhika Bartaula, and Roshan Sharma Poudel.

If you are attending the IPCC please come to the session.

We will also have poster on display Wednesday, August 1 and Thursday, August 2

[Session Information from ICPP](#)

More Upcoming Events

From Seed to Pasta III: A Sustainable Durum Wheat Chain for Food Security and Healthy Lives

19-21 September 2018 (*Bologna, Italy*)

<https://www.fromseedtopasta.com/>

Grains for Well-Being

5-8 November 2018 (*Taipei, Taiwan*)

Contribute to the BGRI Newsletter and Social Media

If you have any news of interest to the BGRI community, please send us a message and we will try to include it in subsequent BGRI newsletters! We also publish and share stories on our [Twitter](#) and [Facebook](#) accounts. Use [@globalrust](#) to tag any contributions.

Events, career and educational opportunities, photos, and new publications are especially welcome.

Contact BGRI newsletter editor [Samantha Hautea](#) or [the BGRI](#).

[VISIT OUR WEBSITE](#)

Borlaug Global Rust Initiative
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