



Nida Kanwal is a native of Faisalabad, Pakistan where she was born and raised. She graduated with a BS and MS in Food Technology from University of Agriculture, Faisalabad, Pakistan. She is doing her PhD from University of Agriculture, Faisalabad and currently, she joined Purdue University as Visiting Scholar for 6 months on Oct, 1st 2018. Her research focuses on characterization of different Pakistani grown barley varieties for their nutritional attributes and for preparation of value added baked products using wheat barley composite flour.

Agricultural & Biological ENGINEERING

New Scholar on the Block

Visiting Scholar: Nida Kanwal

Title: Visiting PhD Student

Host Professor(s): Prof. Dr. Osvaldo H. Campanella

Duration: 6 months

Location:

Location: Edit this entry if not using 301 or 212

Research Interest in ABE:

Nutritional profiling of different cereal crops and their varieties as well as their capability for food product development is of significant interest for multinational food chains. Ms. Nida Kanwal will be characterizing different Pakistani grown barley varieties for their chemical composition and nutritional attributes. Best varieties will be selected for preparation of wheat barley composite flour. Rheological characteristics of composite flour will be analyzed and finally baked products will be prepared from best selected varieties.

Application:

Value added barley-based food products will not only trigger production of underutilized and neglected food crops and boost the socioeconomic status of producers/farmers and food industries; but also, it will be a good option to improve the nutritional and health benefits of wheat-based products.