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The West Africa Centre for Crop Improvement (WACCI),
University of Ghana,
in partnership with Purdue University, USA
with support from the
Bill and Melinda Gates Foundation (BMGF)
is organizing a workshop on topic:

“Functional Gene Discovery Platform for Sorghum”

Instructors:



Prof. Cliff Weil



Prof. Dilkes Brian



**Dr. Charles Addo
Quaye**

Date:

September 17 - 20, 2014

Time:

Morning Session - 9:00 a.m. to 12 Noon
Afternoon Session - 2:00 p.m. to 4:00 p.m.

Venue:

WACCI, University of Ghana, Legon.

Interested candidates should contact
Dr. Daniel Dzidzienyo (ddzidzienyo@wacci.edu.gh)

Workshop on Sorghum Functional Genomics at the West Africa Centre for Crop Improvement (WACCI)

The West Africa Centre for Crop Improvement (WACCI), University of Ghana, in partnership with Purdue University, USA with support from the Bill and Melinda Gates Foundation (BMGF) is organizing a workshop on “Functional Gene Discovery Platform for Sorghum” from the September 17 - 20, 2014 at the University of Ghana, Legon. The venue for this workshop is the WACCI workstation.

The workshop will discuss current trends in functional genomics and bioinformatics for Sorghum Improvement. The main instructors for the workshop are Clifford Weil, Professor of Agronomy, Dr. Brian Dilkes, Assistant Professor of Plant Biochemical and Molecular Genetics and Dr. Charles Addo-Quaye, Post-Doctoral Fellow in Bioinformatics from Purdue University, USA.



Prof. Cliff Weil

Dr. Cliff Weil is a Professor in the Agronomy Department at Purdue University. He received his PhD in Genetics and Development from Cornell University and did postdoctoral work on maize transposons at the University of Georgia before joining the faculty at the University of Idaho in 1992. Since moving to Purdue in 2001, he has focused on developing forward and reverse genetic resources, and genes controlling seed digestibility characteristics and carbon partitioning in maize and sorghum. He was elected a Fellow of the American Association for the Advancement of Science in 2006.

Dr. Brian Dilkes is an Assistant Professor of Plant Biochemical and Molecular Genetics, Department of Horticulture and Landscape Architecture, Purdue University. He obtained his undergraduate and PhD degree at the Department of Plant Science, University of Arizona, USA. He was a Postdoctoral Fellow at the Biology Department in the University of Washington from 2003 – 2005 and a Project Scientist at the Genome Centre, University of California, Davis from 2006 – 2008. His interest is split between investigating the molecular and genetic mechanisms that isolate populations and species, and modifying high throughput genomic technology to assess gene function in model, crop, and "orphan" organisms.



Prof. Dilkes Brian



**Dr. Charles Addo-
Quaye**

Dr. Charles Addo-Quaye is a computational biologist, and currently a postdoctoral researcher at Purdue University. He obtained his undergraduate degree in Computer Science and Mathematics, at the University of Ghana, Legon. He was admitted into graduate degree program in Mathematics at Youngstown State University, and earned his doctoral degree in Computer Science and Engineering at the Pennsylvania State University. His current research is in plant molecular genetics and genomics, with specific interests in the implementation of computational methods for the analysis of next generation sequencing data in application to gene function discovery and microRNAs.

We are pleased to invite applications from the University Community for 5 places on this workshop. Interested candidates should contact Dr. Daniel Dzidzienyo (ddzidzienyo@wacci.edu.gh) by Tuesday, September 16, 2014.