



Australian Government

Cotton Research and
Development Corporation

TRAVEL, CONFERENCE or SCIENTIFIC EXCHANGE REPORT 2016

Part 1 - Summary Details

Please use your TAB key to complete Parts 1 & 2.

CRDC Project Number: N/A

Project Title: The World Cotton Conference 6 – Goiania Brazil 2016

Project Commencement Date: April 30th, 2016

Completion Date: May 9th, 2016

Project
N/A

CRDC Research Program: 4 People

Part 2 – Contact Details

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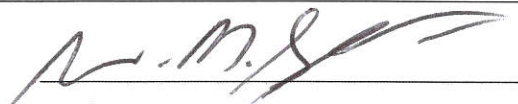
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Signature of Research Provider Representative:


26/5/16.

Date Submitted:

Part 3 – Travel, Conference or Scientific Exchange Report

(Maximum two pages)

1. A brief description of the purpose of the travel.

Attending the WCRC-6 was an opportunity to (1) gain knowledge and insight on current global cotton research as well as (2) promote the research advances of my local scientific community through presentation and networking.

2. What were the:

a) major findings and outcomes

As a new cotton researcher, the WCRC-6 was a great experience. There was a huge range of presentations from breeding and crop improvement, sustainable production, pest management, genetics, and physiology that gave me a depth of background to cotton as a growing system and on the plant level. My work in Australia is physiology based and the conference gave me the opportunity to see and understand what other cotton physiologists are doing world-wide. I also was able to meet with these researchers to discuss and ask in-depth questions about their work.

b) other highlights

At the WCRC-6 I presented some of the current research at CSIRO and it was well attended with positive feedback following my talk. I also chaired one of the parallel sessions which gave me more exposure to the other attendees and gave me a closer interactions with the presenters in my section.

3. Detail the persons and institutions visited, giving full title, position details, location, duration of visit and purpose of visit to these people/places. (NB:- Please provide full names of institutions, not just acronyms.)

My time was spent at the conference centre in Goiania where the attendees congregated for keynote and research presentations. A lengthy discussion about future collaboration was undertaken with Robert Sharwood, PhD, from the Australian National University. As a result of this discussion we are now planning a collaborative experiment to be conducted in June 2016. I also met a number of international cotton researchers including Peng Wah Chee at the University of Georgia, Vasu Kuraparthi at North Carolina State University, Cecilia Czepak at the Escola de Agronomia e Engenharia de Alimentos, Salihu Adamu Dadari at the Institute of Agricultural Research in Nigeria, and Tina Gray Teague at Arkansas State University. I also met a number of people from Cary, NC working at Cotton Incorporated including Director of Breeding, Genetics, and Biotechnology, Don Jones, PhD; Senior Director of Agricultural and Environmental Research, Edward Barnes, PhD; and Senior Director of Agronomy, Weed Control Sticky Cotton, and Nematology, Robert Nichols, PhD. I also met research hydrologist Michele Reba from the US Department of Agriculture.

4. a) Are there any potential areas worth following up as a result of the travel?

My meeting with Robert Sharwood, PhD, from the Australian National University has had great follow up since my return to Australia. We are currently planning a collaborative project combining his expertise in rubisco, which he presented on during the conference, and our cotton heat tolerance assessments. This collaborative effort has potential for novel findings in the link between cotton performance under high temperatures and rubisco activity within the leaf.

b) Any relevance or possible impact on the Australian Cotton Industry?

Knowing the ongoing worldwide cotton research is always important for the Australian Cotton industry. Challenges other countries face in their growing systems could be

challenges Australia faces in the future and findings can be shared. Furthermore, there is exposure to novel research that we can bring back to the country and networking for collaborative research. It was also good to find out that no one presented research that I will be conducting at CSIRO making our site unique.

5. How do you intend to share the knowledge you have gained with other people in the cotton industry?

I have already begun sharing the knowledge I have gained with my colleagues at CSIRO. There has been discussion with those not able to attend to learn about the research presented. Furthermore, there has been in depth conversations regarding specific talks at the conference with those who also attended. The knowledge I have gleaned will be integrated into my research and project designs.

6. Please list expenditure incurred. (Double click inside the table to enter the data)

Date	Description	Amount excl GST	GST	Total
16.03.16	International Airfares - S. Jaconis	3,396.98	0.00	3,396.98
16.03.16	Airfare Booking Fees - S. Jaconis	14.50	1.45	15.95
21.03.16	Vaccination Expenses - S. Jaconis	39.45	3.95	43.40
21.03.16	Visa Application Expenses - S. Jaconis	154.54	15.46	170.00
29.02.16	Registration for WCC Brazil - S. Jaconis	407.46	0.00	407.46
				0.00
				0.00
				0.00
				0.00
				0.00
				0.00
		4,012.93	TOTAL	4,033.79

Please email your report by 21 June 2016 to: research@crdc.com.au