

# CURRICULUM VITAE

## DR. SYEDA MARYAM HUSSAIN

May 30, 1984

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### EDUCATION

- 2/2013-05/2016      **PhD (Animal production and Quality)** - University of Sao Paulo, Brazil.
- 09/2015 – 01/2016      **Research associate (Metabolomics / Biochemistry)** – Institute of soil sciences and plant cultivation, state research institute, Warszawa, Poland.
- 01/2016 – 05/2016      **Research Assistant (Dairy / Methane)** – Utah State Uni. USA.
- 03/2005-10/2008      **Master of Science (HONS) (Animal Nutrition)**, KPK Agric. uni. PK
- 01/2001-02/2005      **Bachelors of Science (HONS)**, KPK Agric. uni. PK

### FELLOWSHIPS/AWARDS

- 2<sup>nd</sup> position holder – Services public school, Mardan, KPK, PK 1998
- Silver Medal (B.Sc (Hons) – NWFP Agri. Uni. Peshawer, KPK, PK 2005
- Talent award (Pakistan) – South Asian Foundation Publications, S.A 2006
- HEC indigenous MS-PhD scholarship- Pakistani Govt. 2008
- Twas-CNPq (Italian / Brazilian) scholarship for PhD 2012
- Polish scholarship for Research abroad 2015

### PROFESSIONAL EXPERIENCE

- Assistant Professor- Agriculture Uni. Peshawer 02-02-2017- till now
- Islamic Relief (UK) Livelihood Officer, MARDAN Mar 2011 – Dec 2011
- Relief International, UK Training Coordinator Nov 2009 – Mar 2011
- AHITI, Peshawer Course Instructor Jan 2009 – Nov 2009
- BADP, Govt. of NWFP Livestock Production Officer Jan 2006 – Mar 2007
- Consultancies (Interfaith League Against Poverty, Church World Services Pakistan /Afghanistan, Citizen Network for Foreign Affairs, USAID, World Vision International, Sungi Development Foundation) Jun. 2006–May. 2012

### RESEARCH EXPERTISE:

- Rats model and clinical samples in the Animal toxicity

- Study of stereoscopic molecules and interactions by NMR spectroscopy.
- In-vivo and In-vitro digestibility trials and mitigation by SF<sub>6</sub> technique and various phytochemicals and by Tanniniferous plants or leguminous tree
- MEAT and MILK quality and quantity and value addition
- NIRS, TLC, HPLC, UPLC, LC-MS and UPLC-MS/MS and qualitative test for secondary metabolites profiling.
- Cell count and hemolysis tests for Brachiaria saponins

#### **SEMINARS CONDCUTED:**

- Field day – Rational management of beef cattle – Faculty of Animal Science and Food Engineering, University of São Paulo – Pirassununga, Brazil. (May 23, 2015).
- Herbivores and plant defence; Group Discussion, University of Sao Paulo (2014-15)
- Nutritional strategies for Ruminants and dairy animals; University of Sao Paulo (2014)
- Supplementation in winter for beef cattle in Brazil, University of Sao Paulo (2015)

#### **LANGUAGES**

- English (Native language)
- Portuguese (Good)
- Pashto (Fluent)
- Urdu (Fluent)
- Polish (basic)