## C.V.

## Mr. HAMID AHMAD

**Areas:**

**Meat Science & Technology, Halal Slaughter of Food Animals, Animal Welfare, Livestock Products & Processing, Animal Welfare , Food Laws/ Standards / Regulatory Frameworks. etc.**

**NAME**

HAMID AHMAD, (FAMILY NAME, AHMAD)

# FATHER’S NAME

Chiragh Din

# LANGUAGES

English , Urdu , some German .

# BIRTH DATE & PLACE

February 1, 1940, Lahore (Pakistan)

# NATIONALITY

Pakistani, by birth and at present.

**MARITAL STATUS**

Married, two sons & one daughter. All married.

**COMPLETE ADDRESS**

House No. 56, Street No.16,

Sector F. 11/ 2, Islamabad, Pakistan.

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**EDUCATION**

M.Sc. Hons. (Pb.) (1963)

M.Sc. Agric. (Syd.), (1968), Meat Sci. / Tech.

Sydney University, Australia.

Associate Editor, **International Journal of Food Safety, Nutrition and Public Health  (IJFSNPH), Inderscience Publishers, U.K.**

Professional Member, Canadian Institute of Food Science &Technology, Ottawa, Canada (1973).

Pakistan Contact Person, International Congress of Meat Science & Technology (ICoMST),

Founding Member, Asia Pacific Congress of Meat Science & Technology (APCoMST), 1992 Beijing, China.

Chairman & Executive Council Member, Pakistan Society of Food Scientists & Technologists (PSFST), Lahore Chapter (1998-2003)

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**INTERNATIONAL, NATIONAL CONSULTANCIES , PROJECTS,AWARDS etc.**

1. **April, 2014, Awarded “ AEI Endeavour Excellence Award 2014” by the Govt. of Australia, Department of Education / Australian Education International (AEI).** The award was given by the Australian High Commissioner in Pakistan, HE Peter Heyward and by the Chief guest, Pakistan Federal Minister for Information, Mr.. Perwiaz Rashid gave the award at a ceremony held at the AHC, Islamabad on April 12, 2014. The Award recognises and honours those alumni who have attained exemplary achievements in their field of specialisation at a national, regional or international level.

1. **Dec. 2013, Video Lecture Presentation on “Rules of Halal Meat in the Global Trade and Animal Welfare”, for EURAMA, France** - Erasmas Mundus Master’s program associating sciences & technologies and management in Animal Science. Coordinator, Prof. Michel de RANCOURT, Animal productions – Department of Agriculture & Agrofoods , FESIA-ESA-ANGERS, EI-PURPAN TOULOUSE, ISA-LILLE, ISAB-BEAUVAIS & ISARA-LYON, France.
2. **2013, Sept. 22-26, Invited Speaker, Presentation made on Islamic Religious Halal Slaughter , Animal Welfare & Meat Science,** International Summer School, “Slaughter Technology, Animal Welfare and Meat Quality”, Max Rubner-Institute (MRI) - Federal Research Institute of Nutrition and Food, Department of Safety and Quality of Meat, International Competence Center on Meat Quality, E.-C.-Baumann-Str. 20, 95326 Kulmbach, Germany.
3. **2012 (Aug.- Oct.), Erasmus Mundus Scholar** , Lectures & Seminars, to the “Food of Life (Emfol)” project. The course is **Integration of Animal Science and Food Science and Technology.** It combines **animal science and food science and technology**focusing on social as well as cultural , religious and scientific aspects of the food production chain. It is run at the four European partner institutions, (1) University of Copenhagen (KU), Denmark, (2) University Autonoma Barcelona (UAB), Barcelona, Spain, (3) Swedish University of Agricultural Sciences (SLU), Uppsala, Sweden and (4) University of Helsinki, Helsinki, Finland.
4. **2011** **Germany - Presentation** made International Summer School on Ageing of Islamic Halal Meat, Oct. 18-21, German Centre of Excellence ,Max Rubner-Institute (MRI) - Federal Research Institute of Nutrition and Food, E.C.Baumann - Str. 20, 95326 - Kulmbach, Germany. Presented my paper.
5. **2010- Evaluation Process EC Funded Project “DIALREL”- Livestock Welfare,** Scientific Workshop on Religious Slaughter Practices , Barcelona, Spain, Feb. 2-4, & Final Evaluation Workshop, Istanbul, Turkey, March 15-16. Invited for the evaluation process of the religious & scientific aspects / outcomes of the project DIALREL, jointly executed by 13 European countries. Title, "Religious slaughter, improving knowledge and expertise through dialogue and debate on issues of welfare, legislation and socio-economic aspects".
6. **2010- June 12 - August 15, School of Land & Environment, Department of Agriculture and Food Systems, University of Melbourne**, Professional experience exchange and review of postgraduate research projects for 2 months in the field of Meat Science and Animal Welfare under Australian Endeavour Executive Award.
7. **2009- Registered Expert Evaluator, European Commission , Brussels (March 2009), 7th. Framework Program (Agriculture, Food and Fisheries), FP-KBBE-2009-3 Activity 2.2 “Fork to Farm: Food, Nutrition and Well being”.** Collaborative Research project proposals were reviewed and recommended for final funding at EC office in Brussels. The projects were collaborative in nature involving 3 or more EC member countries and 3 or more Third Countries Asia, Africa or Latin America. Scientific, technological, implementation aspects and overall “science of the art” were evaluated in a team of four international evaluators.
8. **2009 - DAAD German Alumni Summer School, University of Gottingen, Germany (March 2009).** Participated and gave country presentation on Pakistan. It included one week program of Anuga Food Tec. 2009, Koln and one week at University of Gottingen with a program on Post Harvest Technologies to minimize the PH losses.
9. **2007 - School of Veterinary Sciences, University of Murdoch, Perth, Australia.**  Under the Govt. of Australia Endeavour Executive Award, spent about 2 months (July – Sept.) to discuss and debate the post-graduate research projects related Meat Science and Animal Welfare and others of mutual interest.
10. **2005 – 2007, International Consultant, Meat & Livestock Australia, Sydney, Ausralia & Middle East Office, Manama, Bahrain.** The work involved study to improve meat quality, blood removal from the carcass, operator safety etc. It was meant to identify knowledge gaps with reference to Islamic Halal & other different slaughter methods & and to assess potential improvements for Australia international trade with Muslim countries in live animals, Halal meat and meat products..
11. **2006- 2007 , Consultant , Livestock and Dairy Development Board (LDDB), Ministry of Food, Agriculture and Livestock (MINFAL), Govt. of Pakistan. (2007),** To develop, design with modern techniques / technologies , model set-ups and provide cost estimates and suppliers of equipment and machinery for the prospective investors in Halal Meat sector in Pakistan.
12. **2003 - Food and Agriculture Organisation (FAO), Rome, International Consultant**, Project TCP/RAS/0172, Asia Pacific Region for planning, designing and execution of training on Islamic Halal Meat & Meat Products Processing Technology at the Animal Products Development Centre, Bureau of Industry, Govt. of the Philippines, Manila, Nov.- Dec.2003. The trainees hailed from about eight countries of the region.
13. **2005 , Expert Member, Working Group, University of Veterinary & Animal Sciences, Lahore, Pakistan.** The Group was constituted by the Vice-Chancellor, University of Veterinary and Animal Sciences (UVAS) in early 2005 to develop Meat Sci. & Tech. and courses at graduate and post-graduate level of study & research at the university, by recommending policies, development projects, training centres / programs and curricula.
14. **2001- European Commission, Brussels, Belgium (2001).** Independent Expert / Consultant for the evaluation of INCO-DEVO Projects Funding, in the field of Food / Meat Processing , Food Quality and Safety. The project proposals involved collaborative work between EC member countries and the developing countries of the world. EC, Brussels periodically invite me there for the evaluation of these projects at Brussels.
15. **Registered Non-Governmental Expert, World Trade Organisation, Geneve, Switzerland,** from the Government of Pakistan, on Sanitary and Phyto-Sanitary Measures (SPS Measures), related to food safety etc.
16. **Consultant (2000- date), United Casing Corporation, Lahore, Pakistan.** The company is the largest exporter of animal products and by-products from Pakistan to European Community, Japan and other world destinations. Providing technical services in quality & safety of food related items and matters pertaining to international export requirements of EC /Oie / WTO /CODEX etc. traceability and other legislative measures.
17. **Consulting Scientist, Food and Biotechnology Research Centre,** **Pakistan Council of Scientific and Industrial Research (PCSIR) Laboratories Complex Lahore**, It has been my parent organization from where I retired after 37 years of R & D work in this field.

**JOB / EXPERIENCE / OTHER HONOURS ETC.**

**Pakistan Council of Scientific and Industrial Research(PCSIR), Govt. of Pakistan, Biotechnology and Food Research Centre, (1963-2000) Lahore** Group Leader / Prof./ Head of Section. 37 years experience of R & D at PCSIR, involving all aspects of Livestock Products R& D work. Also awarded 4 years R & D project on livestock product, “Meat Processing Pakistan” by the Canada’s International Development Research Centre (IDRC) in Pakistan.

**Visiting Faculty Member (short term), :**

Department of Food & Nutrition, College of Home Economics, University of Punjab, Lahore, Pakistan.

Department of Animal Husbandry, University of Sydney Farms, Camden, NSW, Australia.

**Federal Ministry of Science & Technology(MoST), Government of Pakistan, Islamabad (1970-73) ,, Assistant Scientific Advisor (Agricultural).** Project appraisals , Scientific liaison, local & international, training of scientists in different countries & disciplines, inter-ministerial scientific coordination , dealing with the bilateral & multilateral scientific matters and agreements of the country. Evaluation of scientific and technological research projects and proposals coming from about ten national research councils functioning under the Ministry,Govt. of Pakistan.

**Pakistan Standards and Quality Control Authority (PSQCA), Government of Pakistan, Karachi (1994-Continuing ),** Currentlyheading the following Sectional Committees for making draft standards for different food products import / export and local trading.

**1. Meat, Poultry, Fish and their Product**

**2. Food Packaging Materials.**

**3. Bio-genetic Foods (GMO)**

**Expert Member, National Technical Committee on Halal Food Standards,** Pakistan Standards & Quality Control Authority (PSQCA), Govt. of Pakistan.

**Pakistan Govt. / PSQCA Nominated Member, Standardisation Experts Group (SEG), Organisation of Islamic Conference (OIC), Jeddah, Saudi Arabia.** for Drafting General Guidelines on Halal Muslim Food,  Guidelines for Bodies Providing Halal Certification” and “Guidelines for the Authorized Accreditation Body Accrediting Halal Certification Bodies”, at the Turkish Standards Institution, Ankara, Turkey. After UNO the OIC (Organisation of Islamic Conference) is the largest Muslim Political block of 56 countries of the world shring common values. It is headquartered in Jeddah,SA.

**Member, Agricultural and Food Products Divisional Council, Pakistan Standards and Quality Control Authority (PSQCA). Government of Pakistan (1994- Continuing )** The council approves the final food & food products standards for implementation in the country, basedon the draft standards ratified by different Sectional Committees.

Chairman ,Lahore Chapter. (NGO) , Pakistan Society of Food Scientists and Technologists (1998-2003). It involved organization of professional membership, hold seminars, workshops, symposia, food related exhibitions.

**Expert Member Livestock Products as Food (1998- to date), Committee for the Revision & Amendments of “Pakistan Pure Food Rules 1965”, Department of Health, Govt. of the Punjab Province, Pakistan. ( from 1998 –Continuing).** The new Food Rules are prepared, approved by the Govt. and are in force now.

**PROJECTS ADMINISTRATION**

**Project Leader of “Meat Processing Pkistan”, a project of the International Development Research Center (IDRC) of Canada,** PCSIR Labs. Lahore, Pakistan.(1985-1989). Executed the 4 years project in all respects, planning, agreement signing, reporting, monitoring, financial administration & preparation of annual and final project report. It was worth US $150,000/-. MoU was signed.

**Project Leader, FAO Rome sponsored project “Cheaper Food Preservation Methods using Solar Drying etc.”**, PCSIR Labs. Lahore, Pakistan.(1994-1995). MoU was signed.

**CONFERENCES AND TECHNICAL VISITS ABROAD**

1. **Oct. 2013, German DAAD International Alumni Expert Seminar “Science meets Economy – Water and Waste Water Management”** in combination with the International Trade Fair IFAT India, from 20th to 27th of October at the Indian Institute of Technology (IIT), Mumbai, India. Made presentation in the seminar.
2. **2012 - DAAD International Summer School** on “Recent Advances in Plant Biotechnology for Sustainable Development , March 26-30, Department of Plant Sciences QUAID-I-AZAM UNIVERSITY PAKISTAN , Islamabad, Pakistan. Presented paper on GM Foods – Developing country’s Scenario.
3. **Oct. 2011, Participation & gave Presentation in the International Summer School on “Meat Ageing and Packaging”** Max Rubner-Institute (MRI) - Federal Research Institute of Nutrition and Food, E.-C.-Baumann-Str. 20, 95326 Kulmbach, Germany.
4. **International Conference & Expo on Halal Food and Non-Food Industry, held on 9th August, 2010** at Expo Centre, Lahore, Organised by the Halal Research Council – Pakistan. Made a presentation.

1. **DAAD German Alumni Seminar**, November 1 - 6 , 2009, Water & Biodiversity, Department of Civil Engineering, University of Bangalore, College of Engineering (UVCE), Bangalore, India, Participated & made a presentation on “Reuse of Industrial Waste Water.”
2. **International Symposium “ The Quality of Goat Products”, organized by the Istituto Sperimentale per la Zootecnia (CRA), Italy and International Goat Association**  **International Goat Association (IGA) at CRA, Bella, Italy ,May 24-26,2007.** Presented a paper on Goat Meat from the subcontinent. Proceedings are in the process of publication.
3. **DAAD German Visiting Fellow,Germany 1999.** Visited research Institutions on the Invitation of Prof. Dr.h.c.mult. Theodor Berchem, President, German Academic Exchange Service (DAAD), Bonn, Aug - Sept. 1999. Visited German Food & Nutrition Research Station, Kulmbach and German Veterinary Health Research Centre , Berlin
4. **University of Napoli, Department of Animal Science, Naples, Italy**. Visiting Researcher (Oct-Dec.1994) under RAISA Fellowship programme.
5. **University of Bristol (Food Science Dept.) and NRI, Kent, U.K**. under British Council Visitorship Program (Dec. 1994)
6. **Ist Asia Pacific Congress of Food / Meat Science and Technology (APCMST) Beijing, China,** Sept 24-28 (1993). Presented scientific paper and registered Founder Member, International Committee of APCMST.
7. **China Meat Research Centre (CMRC), Beijing, China (1992)** Participated in a program on Chinese and Western Style Meat Products..
8. **Faculty of Agriculture, Hokkaido University, Sapporo, Japan (1991-92)**. Visiting Research Scholar under the Japan Society for the Promotion of Science (JSPS), for ten months. Spent 10 months with a research group working on Muscle Biochemistry, under Prof. Koui Takahashi.
9. **German Research Centre on Food & Nutrition, Kulmbach, (1977-78, 1987 , 1991)**.Visited 4 times on exchange visits. Long and short visits. Once stayed for a year with Prof. Dr.Reiner Hamm and Prof. Dr. K O Honikel..
10. **Food Product Development Research Centre, Kasetsart University, Bangkok, Thailand (1986)** & FAO South Asia Regional Office in 1990.
11. **Department of Food and Applied Biochemistry, University of Nottingham, U.K. (1987),** Prof. Dr. Ledward and Prof R. A Lawrie, Prof R A Lawrie wrote the first internationally recognized text book on Meat Science.
12. **British Meat Research Institute, Bristol, U.K. (1987), now disbaned.** Dr. Sandy Taylor was my host
13. **University of Novi Sad, Yougoslavia (former) (1987).**
14. **Food Tech. Dept., Ege University, Izmir, Turkey (1987)**
15. **University of Bombay, Department of Food Science and Technology, Indian Veterinary Research Institute (IVRI), Izzatnagar & Central Food Technological Research Institute (CFTRI), Mysore, India (1985, 2006).**
16. **Malaysian Agricultural Development Research Institute (MARDI) & Malaysian Agricultural University (UMP)**, Kuala Lumpur Malaysia (1980)
17. **University of Sydney, Sydney and CSIRO Food Research Division, Brisbane**, & CSIRO Food Preservation Division, North Ryde, Australia, (1965 – 1968,2007)
18. **Visited Philippines, Hong Kong, Bangladesh, Belgium, Holland, France, Canada, Egypt, Singapore and Sri Lanka.**

# PUBLICATIONS

More than three dozens – Food Science and technology, Foods of Animal Origin, Analytical Methods, handling & preservation.

**BOOKS etc.**

Manuscript of book entitled, **”Meat and Meat Products in Human Nutrition in Developing Countries” (FAO-Nutrition Paper No.53)** Catalog No. ISBN-92-5-103146-0 Published 1992 for FAO .

**“Manual on Meat Drying”** contributed in a chapter, for FAO, Rome.

**Associate Editor, International Journal of Food Safety, Nutrition and Public Health  (IJFSNPH), Inderscience Publishers, U.K.**

**MARKETING COURSES UNDERTAKEN.**

1. **“Structural Adjustments and Macro- Economic Reforms in Pakistan**.”Nov.24-26, National Institute Of Public Administration (NIPA), Lahore, Pakistan.
2. Lahore University of Management Sciences ( LUMS ) **“Marketing Management Programme”,** Dec. 9 – 13, Lahore, Pakistan.

1986 Workshop **on “Marketing Research For Food Products And Processes In Developing Countries”**, sponsored by IDRC of Canada, (April 01-05), Singapore.