

List of Proposed Projects

Sr. No	Applica tion No	Name	Institution	Title of the Project	Remarks (If any)
1.	19	Prof. Dr. Muhammad Sarwar Khan	UAF	Developing climate-resilient plant-based recombinant subunit vaccine against Foot and Mouth Disease Virus of livestock	
2.	41	Dr. Sultan Habibullah Khan	UAF	Rapid development of high yielding drought tolerant lines of wheat through introgression of stable QTLs/Genes based on novel 90K ISELECT SNP assay and Circular Consensus Sequencing (CCS)	Dr. Rizwana Maqbool will work as PI and Dr. Sultan Habib Ullah Khan as Co-PI
3.	42	Dr. Imran Pasha	UAF	Composite flour technology; a step towards managing malnutrition and food security in Pakistan	
4.	139	Dr. Zulfiqar Ali	MNSUAM	Development of drought and heat tolerant wheat germplasm by dynamic assembly of leaf surface structural traits to self-irrigate with fog water	
5.	130	Dr. Imran Ulhaq	UAF	Improvement of Berseem clover (<i>Trifolium alexandrinum</i>) seed quality by managing fungal seed infections and infestations with a special emphasis on stem and crown rot.	
6.	99	Dr. Asif Javed Muhammad	UAF	Characterization of <i>Dalbergia sissoo</i> and <i>Dalbergia latifolia</i> Open Pollinated Seed Progenies for Dieback Tolerance	
7.	116	Dr. Siddra Ijaz	UAF	Resistance gene analogues based molecular identification for dieback disease resistance in Shisham (<i>Dalbergia sissoo</i>)	
8.	144	Dr. Muhammad Tehseen Azhar	UAF	Genotyping and development of heat stress tolerant cotton germplasm having enhanced quality traits	
9.	256	Dr. Anjum Munir	UAF	Development of solar assisted multi-crop dryers and energy efficient storage structures for value addition and food security	
10.	271	Dr. Qamar Shakil	ARRI	Screening of exotic and local accessions for the development of forage and seed production technology of alfalfa	
11.	293	Dr. Sumera Shaheen	GCWU, FSD	Development of DNA based markers for identification and improving food safety of meat and meat products	
12.	294	Dr. Zaheer Ahmed	UAF	Increasing soybean adaptability, yield and oil content by conventional plant breeding and genetic improvement practices	
13.	304	Dr. Shahid Majeed	UAF	Efficient Management of Fruit fly by Nano based Pheromone Trap Technique	
14.	354	Dr. Waqas Wakil	UAF	Biologically based pest management program for fruit flies using insect pathogens	

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15.	356	Dr. Agha Waqar Yunus	NARC	Investigations on the dynamics of carcinogenic mycotoxins development in cottonseed cake	
16.	33	Prof. Dr. Sajjad Khan	UAF	Genetic Selection and Propagation of Heat Tolerant Naked Neck UniGold: A Newly Developed Egg Laying Chicken Breed	These two proposals will be combined to form joint proposal through the participation of both the researchers. However, Dr. Sajjad Ahamd Khan will be the lead scientist.
	86	Dr. Zia Rehman	UAF (Toba Tek Singh)	Development of Rural Poultry as Heat Tolerant Meat-Type Birds under Tropical Conditions of Pakistan	
17.	140	Dr. Imran Ulhaq	UAF	Integrated management of Guava (<i>Psidium guajava</i> L.) Dieback in Pakistan	These two proposals will be combined to form joint proposal through the participation of both the researchers. However, Dr. Ashir Masroor will be the lead scientist
	366	Dr. Ashir Masroor	UAF (Burewalla)	Isolation of resistant enhancing plant endophytes and their use to control the Phytophthora imposed death of citrus orchards in Pakistan	
18.	259	Dr. Ishtiaq Rajwana	MNSUAM	Improving fruit quality and reducing postharvest losses in Strawberry fruit	This concept note will be jointly developed only under the condition that UC-Davis shows its willingness to share the germ plasm.