

UTIA Borlaug Fellowship Program -- Logic Model

SITUATION	INPUTS	ACTIVITIES	OUTPUTS	OUTCOMES	EVALUATION
<ul style="list-style-type: none"> • Need to improve access to equipment and exposure to updated scientific knowledge for agricultural scientists in low- and middle-income countries • Need to train these scientists in skills (e.g., technical, partnership building, grant writing) to build research capacity at home institutions • Desire by USDA to promote international collaborations to solve food security and related economic problems • Identified strategic goal of UTIA to increase international research activity to help feed the world. 	<ul style="list-style-type: none"> • Highly qualified faculty with research expertise in fellow's area of interest • Equipment, supplies and lab space to conduct proposed research projects • PI and admin staff to oversee program logistics • Center for International Education to help provide orientation • Campus resources to supplement fellow experience • Partnerships with other research centers, farms, etc. • Funding from Borlaug Fellowship program 	<ul style="list-style-type: none"> • Orientation to campus community and lab-specific training • 12-week research program tailored to fellow's specific needs • One-on-one mentoring with faculty member • Field visits to farms, labs, processing and demo plants, USDA research centers, etc. • Attendance at World Food Prize Symposium • Workshops: grant writing, compliance, etc. • Departmental seminar and reception • Mentor follow-up visit to fellow's home country within one year 	<ul style="list-style-type: none"> • Research results and products from individual fellow projects, which may include reports, white papers, publications, presentations, etc. • Mentor progress and follow-up trip reports • Fellow interim and final reports • Plans for future research collaborations between faculty mentor and fellow 	<ul style="list-style-type: none"> • Increased scientific knowledge and skills of fellow in specific research or policy area • Improved understanding of tangential skills, including grant writing, compliance issues and partnership building • Enhanced research capacity of fellow's home institution • Increased international research collaborations between fellow and researchers met during the fellowship period • Improved agricultural production and policy making in home country of fellow to promote long-term sustainable agricultural systems 	<ul style="list-style-type: none"> • Touch points with fellow during 12-week period to assess integration and progress on project • Number of fellows completing program and submitting required reports • Exit interview with fellow and mentor on experience • Track collaborations and any research results from fellowship for two years
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<p style="text-align: center;">Assumptions</p> <ul style="list-style-type: none"> • 12 weeks is sufficient time period to gain needed skills or to conduct intended research and obtain proposed results. • Faculty mentor has the proper equipment/supplies/knowledge to assist fellow based on information proposed in fellows' work plan. 			<p style="text-align: center;">External Factors</p> <ul style="list-style-type: none"> • Factors such as illness, weather, permitting requests, housing availability, visa issues, etc. that may delay the start date and timeline of the work plan. • Communication/personality/other issues that may arise between faculty mentor and assigned fellow. • Travel alerts to fellow's home country that restricts follow-up visit. 		