

Afghanistan-Pakistan Activities
Quarterly Report X
(January-February-March 2005)
Sustainable Development of Drylands Project
IALC-UIUC

Introduction and Highlights:

Using the “Activities Planned” section of the previous quarterly report as a point of departure, the following are principal activities completed during the past quarter:

1. The SIUC/UIUC/NWFPAU consortium has been selected to implement the project titled “Higher Education Assistance for Afghanistan: Balkh University Agriculture Faculty Development”. This award will provide \$119,933 from the Association Liaison Office for University Cooperation in Development (ALO) to support the delivery of technical assistance and training activities during a one-year period beginning April 2005. The ALO announcement of our selection is attached.
2. The USAID-Islamabad buy-in to “Strengthen the NWFP Agricultural University” was finalized, adding \$484,090 to the Afghanistan-Pakistan component of the IALC/USAID-ANE Cooperative Agreement. Our work plan, detailing 2005 activities, has been submitted to the Mission and is attached.
3. A March 1 briefing on the Afghanistan-Pakistan component was presented to representatives of the USAID Bureau for Asia and the Near East. A similar briefing was presented on March 2, also in Washington, D.C., to the IALC Technical Advisory Committee. The status report used for these briefings is attached.
4. The Job Order submitted to RAMP (and attached to the previous quarterly report), requesting support for CY 2005 programs and activities, did not materialize as had been anticipated. The only item selected for funding was support for the ten continuing M.Sc. students. This group enrolled at the NWFPAU in August 2004. RAMP will provide \$178,050 to support these students through their projected December 2006 degree completion. The amount of this award is considerably less than the \$648,200 requested when our Job Order was submitted in September 2004. Although regrettable, this decision must be accepted in light of the fact that the RAMP project exists primarily to improve Afghanistan’s marketing infrastructure.
5. Two organized short courses were completed this quarter and two additional courses were convened. Courses titled “Animal Health” and “Poultry Husbandry” were held during the January 31 through February 28 period, using facilities at the NWFPAU in Peshawar, veterinary clinics, farms and research stations in the AU system. Courses titled “Soil Management” and “Teaching Methodology and Communication Skills”, also being conducted at the NWFPAU for a one-month period, were begun on March 7. These courses were filled to capacity, at 20 participants per course. Completion of these four courses, from the 2005 calendar of short course offerings; brings us to a total of 310 individuals from the agriculture sector in Afghanistan who have been reached through these early impact, train-the-trainers courses. The schedule of

activities, participant lists and evaluations from the Animal Health and Poultry Husbandry courses are attached to this report.

Details on Activities this Period (January 1 to March 31, 2005):

Our Balkh University proposal, which was submitted and approved this quarter, will make a valuable and significant contribution to the IALC/UIUC presence in Afghanistan. After sufficient deliberation and discussion, it was decided that the SIUC/UIUC/NWFPAU consortium would submit a proposal instead of having a proposal come from the IALC. This decision was based on the fact that the Balkh project is limited in size and scope, (\$120,000 for one year) and that no other IALC member institutions were submitting proposals for the Balkh project. The on-going IALC/UIUC training activities in Afghanistan and the existing Cooperative Agreement with USAID/ANE, were given prominent mention and detailed explanation in our proposal. Through the above-mentioned deliberation, agreement was reached that: If the Balkh project leads to opportunities for university development in Afghanistan on a broader scale and larger in scope, then those opportunities may be pursued by the IALC as a consortium. At the conclusion of this quarter, a four-person team responsible for internal/external review and needs assessment is being assembled for on-site work at Balkh in late April and early May.

Bringing the AID-Islamabad buy-in to closure also occupied much of our time this quarter. Following submission of our proposal and work done with the Mission by the Illinois team during a November 2004 TDY; our CTO took the lead role and was instrumental in assembling the proper documentation, obtaining Mission sign-off and guiding these materials through USAID/ANE in Washington. The final step became formulation and submission of responses to a long list of questions and requests for clarification that were posed by the Contracting and Agreements Officer in USAID/ANE. All requests and requirements have been satisfied. The AID-Islamabad funds have been transferred to Arizona. The subcontract between Arizona and UIUC is being amended to accommodate the additional funds and complete this process.

Negotiation of the Islamabad buy-in, in combination with our Field Office Director “doing the right thing at the right time”, have led to a new and exciting relationship between the U.S. Official Community in Pakistan and the NWFPAU. Campus visits were made by representatives of the U.S. Consulate in Peshawar and the USAID Mission to Pakistan. It is our understanding that these contacts are in preparation for an NWFPAU visit by the U.S. Ambassador, to formally inaugurate the resumption of USAID funding to the Agricultural University. This expanded relationship and increased visibility could lead to future buy-in support for programs and services that AID-Islamabad might wish to have delivered by the NWFPAU.

Impressive progress has been made toward completion of items in the 2005 work plan. This work plan was submitted to AID-Islamabad and is the document which will guide implementation of ideas and activities that are found in the proposal we submitted to the Islamabad Mission last November. That proposal was attached to our previous quarterly report. Examples of activities already completed are:

1. A total of 10,500 textbooks, written by Pakistani authors and edited/published in 1994 by the TIPAN project technical assistance team, have been reprinted and are ready for distribution to universities and educators in Pakistan and Afghanistan. The titles in this region-specific series of textbooks are: Extension Methods, Horticulture, Plant Breeding, Crop Production, Soil Science and Animal Husbandry.
2. Two recently-retired NWFP AU professors, whose qualifications include Ph.D. degrees from U.S. universities (Illinois and Wyoming) in Agronomy and Entomology, arrived in Kabul on March 20 to spend a semester as visiting professors in the Faculty of Agriculture at Kabul University (KU). In addition to playing an active role in the classroom, these seasoned academicians will be responsible for curriculum revision and teaching improvement in their respective departments.
3. The above-mentioned visiting professor assignments exemplify the institutional linkages being established, as the NWFP AU begins to serve as a regional source of expertise in agricultural education, research and outreach. The NWFP AU linkage with UIUC and SIUC was reaffirmed through the January 2005 execution of a renewal to the Memorandum of Understanding that had been initiated in 1994 at the conclusion of the TIPAN project. The next step in the KU-NWFP AU relationship will consist of the KU Dean of Agriculture leading a delegation of his department heads to Peshawar for a one-week familiarity visit to the NWFP AU campus and research system. When appropriate, the relationship between these two universities will be formalized. Our Balkh project is designed to include the establishment of a similar relationship, at the working level and formal level, between that university, the Illinois universities, and the NWFP AU. The Illinois universities are playing the role of broker and catalyst, as we continue positioning the NWFP AU to become a regional center of excellence.
4. A portion of the Islamabad buy-in (\$150,000) was allocated to support 2005 short courses. This is fortunate, given that RAMP decided not to fund any 2005 short courses. Islamabad buy-in funds will be used to support five short courses and will be combined with core funds in the Cooperative Agreement to cover training costs, travel, lodging, per diem and incidentals. Buy-in funds have been used to support the recently-completed Animal Health and Poultry Husbandry courses, as well as the two courses now underway, i.e., Soil Management and Teaching Methodology. The remaining course in the 2005 list of offerings, which will be partially supported with Islamabad funds, is Irrigation and Water Resources. This course will be convened in mid-April.
5. The Islamabad buy-in will also permit us to continue collaboration among Afghan and Pakistani research scientists. Although RAMP chose not to support the continuation of individual and small group training of Afghan researchers, conducted at stations and institutes in the NWFP, a \$60,000 portion of the Islamabad buy-in will be used to cover the cost of researchers from the NWFP AU system who will be sent to Afghanistan to work one-on-one in an on-the-job setting with their counterparts at research stations in Afghanistan. Delivery of this training and technical assistance to the agricultural research community in Afghanistan will be heavily emphasized next quarter. Some Pakistani research scientists have already been selected for these assignments.

The forthcoming \$178,050 from RAMP, to support the continuing M.Sc. students, will be channeled through a Grant Agreement written directly between RAMP-Kabul and UIUC. A decision was made and approved by the IALC Board of Directors at their March 4 meeting, that this supplemental funding (given that it is not a buy-in to the Cooperative Agreement) should not flow through IALC headquarters at Arizona. Our 2004 experience taught us that routing RAMP funds through Arizona, via a Grant Agreement between RAMP and Arizona and a subcontract between Arizona and UIUC, is not time efficient. At the conclusion of this quarter, the Contracts Office in RAMP-Kabul is drafting a Grant Agreement that will be sent to UIUC for review and subsequently used to transfer support for the M.Sc. students. Meanwhile, these ten participants (five from Kabul University and five from Nangarhar University) have proven themselves to be exemplary graduate students and are performing beyond expectations. They will be extremely valuable additions to the Faculties of Agriculture at their respective universities. We continue to hope that funding can be arranged to support the follow-up group of 20 Afghans who have been nominated, selected and admitted to M.Sc. degree study at the NWFP AU. Details on that group were included in the previous quarterly report.

ACTIVITIES PLANNED FOR THE FOLLOWING QUARTER (April-May-June):

Two activities in our proposal to AID-Islamabad and the 2005 work plan that have received limited attention thus far and will be priority concerns for the next quarter are:

1. "Establishment of an NWFP AU Office of International Programs and Services to coordinate and administer their international collaboration." The Islamabad Mission has asked us to identify and purchase equipment for that office. We have also been asked to assist the staff of that office in preparing promotional materials that can be used to inform and educate an external audience, in the Central Asia Region and beyond, about that university's capacity to partner with the development assistance community and contribute to their activities. We have begun to assemble the graphics and narrative for a brochure to accomplish this purpose. The finished product will also be useful to the IALC, as an information piece which will explain our component to various constituent groups.
2. "Development of an English as a Second Language Training Center to assist international students enrolled at the NWFP AU and faculty, staff or graduate students who need help in writing proposals or scholarship applications." The Islamabad Mission has asked us to purchase equipment and instructional materials that can be used by this English Enhancement Center. Our first step will consist of contacting the UIUC Division of English as an International Language and the UIUC Intensive English Institute to receive their advice and to obtain sample instructional materials that can be reviewed by professors in the NWFP AU English Department. Our long range plan consists of providing the assistance needed to develop a specialized English Enhancement Center within the existing English Department.

An area that will also receive priority attention is continuing emphasis on research collaboration through the "twinning" of Afghan and Pakistani scientists and research stations. Individual and small group training conducted at research stations and institutes in the NWFP has been a successful and important part of our efforts to develop human capacity for the agriculture sector in Afghanistan. This year, NWFP AU research scientists will be sent to Afghanistan to consult

and interact with their counterparts in an on-the-job setting. The Islamabad buy-in will provide support for up to 24 Pakistani researchers who will go to Afghanistan for two-week assignments.

One item that which will receive our immediate attention is the negotiation and execution of a Grant Agreement between RAMP-Kabul and UIUC to transfer the \$178,050 that has been allocated to support the continuing M.Sc. study of 10 Afghan university faculty who are enrolled at the NWFPAU. We can not risk the interruption of their programs.

Near the end of next quarter, preparations will be made for a late June or early July meeting of the Afghanistan-Pakistan Training (APT) group. This advisory group continues to meet twice each year and provide valuable guidance on implementation of this component. The APT meeting will be timed to coincide with Dr. Qayyum's next visit to Illinois. Dr. Qayyum and his NWFPAU colleague, Dr. Anwar F. Chishti, have authored a paper titled "Strengthening Cross-Border Relationships: Pakistan-Afghanistan". They have very effectively told the story of this component's contribution to a good-neighbor relationship between these countries and our contributions to the training and education needs in Afghanistan. Their paper has been accepted for presentation at a workshop on development assistance which will follow the June 27-30 annual conference of the International Agribusiness Management Association (IAMA) in Chicago. The participation of Drs. Chishti and Qayyum in this conference and workshop is funded by USAID-Pakistan through their buy-in to our Cooperative Agreement.



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FOR IMMEDIATE RELEASE (3/16/05)

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**ALO ANNOUNCES NEW HIGHER EDUCATION ASSISTANCE FOR AFGHANISTAN
*Technical Assistance to Balkh University Agriculture Faculty***

Washington, DC (March 16, 2005) – The Association Liaison Office for University Cooperation in Development (ALO), in cooperation with the U.S. Agency for International Development (USAID)/Afghanistan, announces a new grant award of \$119,933 to modernize curriculum and enhance teaching techniques and technologies for the Balkh University Faculty of Agriculture (BUFA) in Mazar-e-Sharif, Afghanistan.

The award was made to **Southern Illinois University Carbondale** (SIUC), which is partnered with the **University of Illinois at Urbana-Champaign** (UIUC) and the **Northwest Frontier Agricultural University** (NWFAU) in Pakistan.

The goals of the program include provision of expertise to Balkh University's Departments of Plant Science, Animal Science and Forestry/Horticulture, development of modern teaching skills for use in the classroom and field, provision of up-to-date technical materials and strengthening Balkh's library, and assistance to Agriculture faculty in the formation of networks with international, regional and national universities.

ALO, established in 1992, assists the nation's six major higher education associations build their partnership with USAID and help their member institutions foster cooperative development partnerships with colleges and universities abroad. Uniquely positioned to promote the involvement of U.S. higher education in global development, ALO seeks to encourage international partnerships to address development goals. For more information about ALO, please visit: <http://www.aascu.org/alo>.

WORK PLAN
USAID/ISLAMABAD BUY-IN COMPONENT

S.No.	Activities	Completion Dates
1.	100 participants trained in the following five Organized Short Courses: 1. Animal Health 2. Poultry Husbandry and Diseases 3. Soil Management 4. Teaching Methodology & Communications Skills 5. Irrigation and Water Resources	1. 2/28/2005 2. 2/28/2005 3. 4/6/2005 4. 4/6/2005 5. 5/7/2005
2.	Arrangements for reprinting of 10500 textbooks finalized with National Book Foundation 10,500 text books reprinted for distribution to Faculties of Agriculture of various Universities in Pakistan and Afghanistan	2/3/05 5/31/05
3.	Establishment of institutional linkages among Kabul, Balkh and other Universities of Afghanistan, NWFP Agricultural University, Peshawar, Southern Illinois University at Carbondale and University of Illinois at Urbana Champaign, USA. - MOU among NWFP AU and SIU and UIUC signed - Program Working Group consisting of Liaison Officers of participating Universities is established - Work-Plan for implementation of planned activities is prepared. - Linkages among Kabul, Balkh and other Universities of Afghanistan, NWFP AU, SIU and UIUC are established through teaching, provision of technical material and assistance.	1/27/2005 2/28/2005 3/15/2005 3/31/06
4.	Visits of NWFP AU research scientists and educators to different agricultural research institutes of Afghanistan are identified, arranged and implemented in different agricultural research and educational disciplines	3/31/06
5.	Office of International Programs and Services to coordinate and administer international collaboration is established and equipped.	12/31/05
6.	Two faculty members are identified to teach at	2/28/05

	Faculty of Agriculture, Kabul University in: (1) Entomology and (2) Agronomy departments	
	Teaching starts at Faculty of Agriculture, Kabul University	3/22/05
	Teaching and revision of curriculum in Agronomy and Entomology disciplines is complete	7/31/05
7.	Equipment and instructional material for development of ESL Center is identified	3/31/05
	Equipment and instructional material for ESL is provided and ESL center is functional	6/30/05

Afghanistan – Pakistan Component
Human Capacity Development for the Agriculture Sector in Afghanistan
March 2005 Status and Briefing

Staffing and Infrastructure

Home Office Staff at UIUC

1. Earl Kellogg – UIUC/IALC Liaison
2. John Santas – Component Manager
3. Oval Myers – Senior Advisor
4. Nancy Kobel – Business Manager

Field Office Staff

1. Abdul Qayyum Khan, Director, located at the Northwest Frontier Province Agricultural University (NWFP-AU) in Peshawar, Pakistan. Dr. Khan served as an FSN in USAID Islamabad for 15 years, including five years (1990-94) as the TIPAN Project Officer. His Ph.D. is in Agricultural Economics from Colorado State University.
2. Mohammad Agha Jabarkhil, Training Coordinator, located in Mercy Corps - Kabul. Mr. Agha, an Afghan national, is fluent in Pashtu, Urdu, Dari (Persian) and English. He completed B.Sc. and M.Sc. degrees at the NWFP-AU.

Training Programs Delivered by NWFP-AU Professors and Research Scientists

1. Technical Short Courses

Since the August 2003 initiation of these month-long courses, a total of 15 courses have been delivered using both Peshawar and Kabul as training sites. Groups of 20 are assembled for each course, with enrollment managed to ensure diversity in terms of participants' employing organizations and the province in which they work. A total of 270 Afghans (including 27 women) who are responsible for rebuilding the agricultural sector have participated in these "Train-the-Trainers" courses, given on topics such as:

Irrigation and Water Management Practices
Enterprise Development and Management Skills (2)
Post Harvest Management and Marketing Skills
Orchard and Nursery Management
Sustainable Use of Water Resources for Engineers
Irrigation and Water Management for Agronomists
Extension Methodology and Technology Transfer
Integrated Pest Management
Preservation of Fruits and Vegetables
Women's Enterprises
Animal Nutrition
Animal Health
Poultry Husbandry
Soil Management

2. Individual Training for Research Staff

A total of 24 specialized short term training programs (usually one-week duration) have been arranged for staff from two research stations in Afghanistan: Shesham Bagh and Darul Amaan. This training was conducted in Pakistan at the Cereal Crops Research Institute (CCRI) in Nowshera and at ARS-Mingora in Swat. The training at Mingora concentrated on research methodology in the horticultural sciences, while the training at CCRI concentrated on maize production and improvement. Training in soil science research methods was also completed at ARI-Tarnab (near Peshawar) for staff from these two stations. Research stations in Afghanistan are being affiliated with selected institutes and stations in the NWFP-AU system in a “twinning” approach that will lead to the continuation of these training programs and future research collaboration.

3. Long Term Degree Training

Five lecturers from the Kabul University Faculty of Agriculture and five from the Nangarhar University Faculty of Agriculture arrived Peshawar in August 2004 to enroll for M.Sc. study at the NWFP-AU. Another 20, representing all six Afghan universities that offer agriculture, were accepted for January 2005 enrollment in M.Sc. programs; but financial support could not be arranged. Their programs were postponed.

Plans for 2005 and Beyond

1. More technical short courses will be delivered in Afghanistan. The design of some courses will include training time divided between locations in Pakistan and Afghanistan.
2. More short course topics and locations will be chosen to fit the needs of projects funded by the “Rebuilding Agricultural Markets Program – Afghanistan” (RAMP).
3. We will use connections made via the twinning approach to send Pakistani scientists to research stations in Afghanistan for on-the-job training in their work setting.
4. Give more attention to Afghan universities through:
 - A. Sending NWFP-AU professors, especially those who earned U.S. doctorates during TIPAN and are now retired, to serve as visiting professors.
 - B. Sending their B.S. level faculty to the NWFP-AU for M.Sc. degree study.
 - C. Distributing region-specific textbooks that were published during TIPAN.
5. Facilitate cooperative relationships between the NWFP-AU and selected Afghan universities, moving the AU toward status as a regional center of excellence.
6. Strengthen working relationships with the Provincial Reconstruction Teams (PRT’s) and serve as an on-call resource base for USDA staff attached to those teams.
7. A comprehensive training needs assessment, begun in early 2004, will be continued.

Bottom Line

Thus far, this component has used the \$375,000 per year in core funding to generate a total of \$1,062,000 in supplemental/buy-in support from AID-Kabul (via RAMP) and AID-Islamabad.

**Training Course Schedule-1205: Animal Health
January 31 to February 28, 2005 at NWFP Agricultural University, Peshawar**

Week-1 (January 31 to February 5, 2005)

Date	Day	8.00 – 10.00 am	10.00 to 10.30 am	10.30 am – 12.30 pm	12.30 – 2.30 pm
1.2.05	Tuesday	Inauguration Ceremony	Tea Break	Introduction to the subject and tour of different departments of the University (G. Habib)	Livestock disease situation in Afghanistan (G.Habib)
2.2.05	Wednesday	Organs & Systems of animal body. (Mashooq Ali)	Tea Break	Appearance & signs of healthy animals. (G.Habib)	Common disease causing agents and factors (Mashooq Ali)
3.2.05	Thursday	Epidemiology/Spread of diseases/Disease cycle/ zoonosis. (Mashooq Ali)	Tea Break	General principles of control & prevention of infectious/contagious diseases. (G. Habib)	Vaccines, its preparation, & Vaccination programs (Abdur Raziq)
4.2.05	Friday	Common viral diseases in farm animals (Mashooq Ali)	Tea Break	Veterinary pharmaceutical drugs, classification, general action, excretion & dosage etc. (Sher Mohammad)	
5.2.05	Saturday	Visit to Livestock Research & Development Farm, Surezai (G. Habib & Mashooq Ali)			

Note: Lecture & practical previously scheduled o Friday 3.2.05 on calf rearing will be accommodated at later stage due to late arrival of the participants

Week-2 (February 7 to February 12, 2005)

Date	Day	8.00 – 10.00 am	10.00 to 10.30 am	10.30 am – 12.30 pm	12.30 – 2.30 pm
7.2.05	Monday	Common bacterial diseases in farm animals (Mirza Ali Khan)	Tea Break	Disease diagnosis-Practical laboratory work (Ikhwan & Rahimullah)	
8.2.05	Tuesday	Common bacterial & other infectious diseases and immunotherapy in farm animals (Mirza Ali Khan)	Tea Break	Mastitis (Iqbal Khattak)	Poultry vaccine preparation and vaccination schedule (Bakht Daraz)
9.2.05	Wednesday	Visit to National Veterinary Laboratory, Islamabad (G. Habib & Ijaz)			
10.2.05	Thursday	Important bacterial & viral diseases of Poultry (Pervaiz)	Tea Break	Protozoan diseases and managerial health problems in poultry & visit to poultry farm (Noor Mohammad)	Nutritional & parasitic disease of poultry (Mashooq Ali)
11.2.05	Friday	Post mortem examination of poultry for disease diagnosis (Iqbal Khattak)	Tea Break	Post mortem examination of poultry for disease diagnosis (Iqbal Khattak)	
12.2.05	Saturday	Reproductive diseases of cattle and buffaloes (Subhan Qureshi)	Tea Break	Reproductive diseases & Artificial Insemination (Islam & Irshad)	

Week-3 (February 14 to February 19, 2005)

Date	Day	8.00 – 10.00 am	10.00 to 10.30 am	10.30 am – 12.30 pm	12.30 – 2.30 pm
14.2.05	Monday	Equine Diseases (Shahabat Khan/G. Habib) At Brooks Hospital	Tea Break	Equine Diseases (Shahabat Khan/G. Habib) At Brooks Hospital	Equine Feeding & nutrition related diseases (G. Habib) At Brooks Hospital
15.2.05	Tuesday	General principles of history recording, differential diagnosis & treatment of diseases (Islam & Alam Zeb)	Tea Break	Endoparasites in farm animals. General classification and host-parasite relationships. (Habibullah/Zabiat Khan)	Worm diagnosis – Laboratory work (Zabita Khan)
16.2.05	Wednesday	Endoparasites in farm animals (Zabita Khan)	Tea Break	Worm diagnosis & estimating worm load –Laboratory work (Zabita Khan & Jawad)	
17.2.05	Thursday	Ectoparasites in farm animals (Zabita Khan)	Tea Break	Ectoparasites identification –Practical (Zabita Khan & Akhtar Ali)	
18.2.05	Friday	Visit to Livestock Farm, Harichand (G. Habib & Zabita Khan)			
19.2.05	Saturday	Systemic diseases of different systems of animal body & their treatment (Ghulam Mohammad, Fazal-i-Malik & G. Habib at LSF, Harichand)			

Week-4 (February 21 to February 26, 2005)

Date	Day	8.00 – 10.00 am	10.00 to 10.30 am	10.30 am – 12.30 pm	12.30 – 2.30 pm
21.2.05	Monday	Metabolic diseases in farm animals (G. Habib)	Tea Break	Sero Diagnostic Techniques (Ijaz & Assadullah)	
22.2.05	Tuesday	Macro-mineral Nutrition and Deficiency Diseases (Nazir Ahmad)	Tea Break	Micro-mineral Nutrition and Mineral Deficiency Diseases (G. Habib)	
23.2.05	Wednesday	Visit to AHITI (G. Habib & Zabita Khan)			
24.2.05	Thursday	Transboundry Animal Diseases and Disease Reporting System (Sher Mohammad & Assad Ali Khan)	Tea Break	Principles of post mortem examination, collection, preservation and dispatch of biological samples for diagnosis (Saadullah Jan & Ijaz)	
25.2.05	Friday	Treatment of sick animals, administration of medicines etc. at Civil Veterinary Hospital, Peshawar (Islam, Masoom Pirzada)			
26.2.05	Saturday	Certificate Awarding Ceremony			

Prof. Ghulam Habib
Course Coordinator

List of Participants
Course No: 1205 Animal Health (January 31 through February 28, 2005)

S/ No	Name	Father Name	Title	Discipline	University graduated from:	Level of Edu:	Age in year	Organization Department
1	Najibullah Faizi	Zabihullah	Lecturer	DVM	Nangarhar	B.Sc.	28	Vet Fac Nig Uni
2	Said Ziaulhaq Benowry	Said Hazrat	Lecturer	DVM	Nangarhar	B.Sc.	28	Vet Fac Nig Uni
3	Pir M Stanakzai	Mohammad Umar	Lecturer	DVM	Nangarhar	B.Sc.	34	Vet Fac Nig Uni
4	Madam Suhaila	Abdul Razaq	Lecturer	DVM	Kabul	B.Sc.	40	Vet Fac Kab Uni
5	Amanullah Aziz	Azizullah	Lecturer	DVM	Kabul	B.Sc.	42	Vet Fac Kab Uni
6	Sayed Arif	Syed Hazrat	Lecturer	DVM	Kabul	B.Sc.	36	Vet Fac Kab Uni
7	Mohammad Zaher	Ghulam Sakhi	Lecturer	DVM	Kabul	B.Sc.	32	Vet Fac Kab Uni
8	Madam Nasrin	Mirajan	Lecturer	DVM	Kabul	B.Sc.	47	Vet Fac Kab Uni
9	Assadullah	Mohammadullah	Lecturer	DVM	Kabul	B.Sc.	25	Vet Fac Kab Uni
10	Khuja Shafi	Khuja Shireen	Lecturer	DVM	Kabul	B.Sc.	24	Vet Fac Kab Uni
11	Barat Ali	Sultan Ali	Officer	DVM	Kabul	B.Sc.	35	Min of Agi & A H
12	Faridoon	Faqir Mohammad	Officer	DVM	Kabul	B.Sc.	35	Min of Agi & A H
13	Hamidullah	Babullah	Officer	DVM	Kabul	B.Sc.	26	Min of Agi & A H
14	Sayed Abulhussain	Said Abas	Officer	DVM	Kabul	B.Sc.	31	Min of Agi & A H
15	Habibullah	Moammad Azim	Officer	DVM	Kabul	B.Sc.	34	Min of Agi & A H
16	Ahmad Arash	Mohammad Aslam	Officer	DVM	Kabul	B.Sc.	27	Min of Agi & A H
17	Nissar Ahmad	Abdul Mohammad	Officer	DVM	Kabul	B.Sc.	46	Min of Agi & A H
18	Salma Hakimi	M Hakim	Lecturer	A H	Balkh	B.Sc.	31	Agri.Fac Balkh Uni
19	Addellah	M Umar	Ass Prof.	A H	Balkh	B.Sc.	43	Agr Fac Balkh Uni
20	Abdul Hafiz	M Hanif	Farm.Manag	A H	Balkh	B.Sc.	56	Agr Fac Balkh Uni

Faculty of Veterinary Kabul UNIVERSITY=7 Faculty of Veterinary Nangarhar University = 3
 Ministry of Agriculture and Animal Husbandry = 7 Agriculture Faculty Balkh University = 3
Total participants for Course No: 1205= 20

COURSE EVALUATION
ANIMAL HEALTH-1205
HELD AT NWFP AGRICULTURAL UNIVERSITY, PESHAWAR
January 31st through February 28th, 2005

Legend: A= Strongly Agree, B= Agree, C=Disagree, D= Strongly Disagree, E= No Opinion
No. of Respondents= 20

COURSE EVALUATION

No.		A	B	C	D	E
1.	The course was relevant to your professional responsibilities.	7	13	-	-	-
2.	The course improved your knowledge to a great extent.	5	14	-	-	1
3.	Enough time was given for classroom lecture/discussion.	8	12	-	-	-
4.	Enough time was given for field visits.	9	7	3	1	-
5.	Recent developments in research and latest knowledge of the subject were imparted.	4	11	5	-	
6.	Problems and issues, which you usually encounter during your professional duties, were discussed during the course.	9	9	2	-	

TRAINING METHODOLOGY

1.	Lectures were informative and very helpful in communication of knowledge.	6	12	1	-	1
2.	Group discussions and consultations with instruction provided an excellent opportunity for sharing of experience.	8	9	3	-	-
3.	Field visits provided the chance to see the problems as discussed in the classroom.	8	10	1		1
4.	Teaching Methodology was effective.	7	13	-	-	-
5.	Group discussions are more helpful than the lecture.	5	10	4	1	
6.	Course duration was about right.	5	9	5	1	

TRAINERS' PERFORMANCE

Give response about the trainer of the course through following statements:

1.	He has good knowledge of the subject.	6	13	1	-	-
2.	He presented the subject matter nicely and spoke clearly.	8	11	1	-	-
3.	He has the ability to relate subject matter with solutions of existing problems.	5	15	-	-	
4.	He answered trainees' questions satisfactorily.	10	9	1	-	-
5.	His overall performance was good.	11	8	1	-	-

Suggestions for further improvement (if any):

- One month of course duration was not sufficient. It should be increased to 2-3 months.
- It would be better if transport were arranged from Kabul to Peshawar and back to Kabul.
- The course was very good. It was knowledgeable. We have learnt enough. Time for practical and laboratory/hospital/research farm work and group discussion should be increased, as we do not have practical facilities in Afghanistan.
- If possible, medical/laboratory equipment is provided for veterinary laboratories in Afghanistan for practical training.
- Class duration should be reduced from six hours to four hours.
- It would be better if 15 minutes break after every two hours were allowed.
- M.Sc. program for B.Sc. faculty and staff members of Afghan Universities, Ministry of Agriculture and Animal Husbandry, should be organized.
- Satisfied from the teaching staff and those who arranged this program. They have 100% tried their best in the arrangement of this course.
- Scientist to scientist training program for faculty members of Agriculture and veterinary sciences should be arranged.

**Training Course Schedule-1305: Poultry Husbandry and Diseases
January 31 to February 28, 2005 at NWFP Agricultural University Peshawar**

Week-1 (January 31 to February 5, 2005)

Date	Day	8:00-10:00 am	10:00 to 10:30 am	10:30 am-12:30 pm	12:30 pm-2:30 pm
01/02/05	Tuesday	Inauguration Ceremony	Tea Break	Egg formation & Structure (Dr.F.R.Durrani)	Selection & Fumigation of Hatching eggs (Dr.F.R.Durrani)
02/02/05	Wednesday	Maintaining Quality of Hatching eggs (Dr.F.R.Durrani)	Tea Break	Determination of Fertility (Theory & Practical) (Dr.F.R.Durrani)	
03/02/05	Thursday	Site Selection & construction of poultry farm (Miss Naila Chand)	Tea Break	Types of Poultry houses (Miss Naila Chand)	Types of poultry House designs (Miss Naila Chand)
04/02/05	Friday	Determination of Percent Hatchability & Reasons of Unhatched Eggs (Dr.F.R.Durrani)	Tea Break	Temperature during Incubation & Visit to University Hatchery (Dr.F.R.Durrani)	
05/02/05	Saturday	Humidity during Incubation (Dr.F.R.Durrani)	Tea Break	Air Requirements during Incubation (Dr.F.R.Durrani)	

Week-2 (February 7 to February 12, 2005)

Date	Day	8:00-10:00 am	10:00 to 10:30 am	10:30 am-12:30 pm	12:30 pm-2:30 pm
07/02/05	Monday	Water Loss from Egg during Incubation (Dr.F.R.Durrani)	Tea break	Position & Turning of Eggs during Incubation (Dr.F.R.Durrani)	Incubation at High Altitude (Dr.F.R.Durrani)
08/02/05	Tuesday	Securing Hatching Eggs & delivery to Hatchery (Dr.F.R.Durrani)	Tea Break	Handling Hatching Eggs (Dr.F.R.Durrani)	Pulling the Hatch & Hardening of Chicks (Dr.F.R.Durrani)
09/02/05	Wednesday	Grading Baby Chicks (Dr.F.R.Durrani)	Tea Break	Sexing Baby Chicks (Dr.F.R.Durrani)	Calculating hatchability (Dr.F.R.Durrani)
10/02/05	Thursday	Visit to Commercial Hatcheries (ZB Poultry company & Higo Chicks Islamabad)			
11/02/05	Friday	Chicks delivery (Dr.F.R.Durrani)	Tea Break	Hatchery sanitation & waste disposal (Dr.F.R.Durrani)	
12/02/05	Saturday	Hatchery Equipments (Dr.F.R.Durrani)	Tea Break	Factors Affecting Hatchability & Fertility (Dr.F.R.Durrani)	Disinfectants & chemicals used for Sanitation (Dr.F.R.Durrani)

Week-3 (February 14 to February 19, 2005)

Date	Day	8:00-10:00 am	10:00 to 10:30 am	10:30 am-12:30 pm	12:30 pm-2:30 pm
14/02/05	Monday	Cleaning & disinfection of poultry house (Miss Naila Chand)	Tea break	Management Problems in Poultry House (Miss Naila Chand)	Brooding management (Miss Naila Chand)
15/02/05	Tuesday	Broiler farming (Miss Naila Chand)	Tea Break	Layer farming floor & Cage management (Miss Naila Chand)	
16/02/05	Wednesday	Light management Miss. Nail Chand	Tea Break	Causes of poor egg production (Miss Naila Chand)	Breeder farming (Miss Naila Chand)
17/02/05	Thursday	Visit to Bilal Poultry, Industrial area Peshawar and Malik Iqbal & Shah poultry farms Akora khattak (Miss Naila Chand)			
18/02/05	Friday	Identification of good Layer (Theory & practical) (N.Chand)	Tea Break	Force molting (Miss Naila Chand)	
19/02/05	Saturday	Debeaking, toe clipping & dubbing (Miss Naila Chand)	Tea Break	Preparation of Feasibility (Broiler) (Miss Naila Chand)	Preparation of Feasibility (layer) (Miss N. Chand)

Week-4 (February 21 to February 26, 2005) (REVISED)

Date	Day	8:00-10:00 am	10:00 to 10:30 am	10:30 am-12:30 pm	12:30 pm-2:30 pm
21/02/05	Monday	Classes of Nutrients (Dr.M.A.Mian)	Tea break	Major Feed Ingredients (Dr.M.A.Mian)	
22/02/05	Tuesday	Feeding commercial layers (Dr.M.A.Mian)	Tea Break	Ration formulation from Available ingredients (Dr.M.A.Mian)	
23/02/05	Wednesday	Feeding breeders (Dr.M.A.Mian)		Broiler nutrition (Dr.M.A.Mian)	Nutritional Diseases (Dr. M.A Mian)
24/02/05	Thursday	Disease control/biosecurity (Dr. Parvez)	Tea Break	Bacterial Diseases (theory & practical) (Dr. Parvez)	
25/02/05	Friday	Protozoal Diseases (Dr. Parvez)	Tea Break	Viral Diseases (Theory & Practical) (Dr. Parvez)	
26/02/05	Saturday	Certificate Awarding Ceremony			

Prof. Dr.Fazli Raziq Durrani
Course Coordinato

List of participants

Course No: 1305 Poultry Husbandry (January 31 through February 28, 2005)

S/ No	Name	Father Name	Title	Discipline	University graduated from:	Level of Edu	Age in Year	Govt.Dept/NGOs /Universities.
1	Sayed Zekria	Khowja sayed	Lecturer	DVM	Kabul	B.Sc.	23	Vet Fac, Kabul Uni.
2	Mohammad Ayoub	Abdulsalam	Lecturer	DVM	Kabul	B.Sc.	27	Vet Fac, Kabul Uni.
3	Habib Rahim	Gulahmad Jan	Lecturer	A H	Nangarhar	B.Sc.	34	Agri Fac,Nang. Uni.
4	Khushdil Marouf	Mohammad Sharif	Lecturer	A H	Nangarhar	B.Sc.	33	Agri Fac Nang.Uni.
5	Said Majdood	Said Ali	Lecturer	A H	Nangarhar	B.Sc.	27	Agri Fac Nang. Uni.
6	Mirzaman	Rozi Khan	Technician	A. H	Nangarhar	B.Sc.	28	Dept of A H Nang.
7	Said Abdul Rasool	Said Abdul Razaq	Lecturer	Agri	Kabul	B.Sc.	38	Agri.Fac Kand. Uni.
8	Abdul Rashid	Abdul Hakim	Lecturer	Agri	Kandhar	B.Sc.	25	Agri.Fac Kand. Uni.
9	Madam Sara	Mohammad Sarwar	Lecturer	Agri	Kandhar	B.Sc.	42	Agri.Fac Kand. Uni.
10	Said Habib	S Ghazanfer	Officer	A H	Zoo Tech Fac. CUBA	B.Sc.	38	Mini of Agi & A H
11	Gul Mir	Allah Noor	Officer	A H	Kabul	B.Sc.	47	Mini of Agi & A H
12	M Sakhi Pameri	Roshan Khan	Asst. Prof.	Agri	Tajik Agri Institute	B.Sc.	44	Agri.Fac Kand. Uni.
13	Wali Mohammad	Noor Mohammad	Officer	A H	Kabul	B.Sc.	47	Mini of Agi & A H
14	M Safar Noori	Mohammad Ali	Lecturer	Exts	Takhar	B.Sc.	30	Agri Fac Takh. Uni.
15	Mir Ghulam Rabi	Mir Ghulam Rabani	Farm Mang	A H	Kabul	B.Sc.	39	Agri Fac Kabul Uni
16	Gul Aziz	Mohammad Aziz	Officer	A H	Kabul	B.Sc.	38	Mini of Agi & A H
17	Noor Ahmad	Mirza Mohammad	Officer	A H	Kabul	B.Sc.	39	Mini of Agi & A H
18	M Asghar	Mohammad Umar	Officer	A H	Kabul	B.Sc.	39	Mini of Agi & A H
19	M Ismail	Moammad Hussain	Officer	A H	Kabul	B.Sc.	40	Mini of Agi & A H
20	Abdul Quduus	Faiz Mohammad	Officer	A H	Kabul	B.Sc.	41	Mini of Agri& A H

Ministry of Agriculture and Animal Husbandry= 8 Agri Faculty Nangarhar University = 3 Dept of Animal Husbandry Nangarhar: 1
 Agri Faculty Kandhar University = 3 Veterinary Faculty Kabul University: 2 Agriculture Faculty Kabul University : 2
 Agriculture Faculty Takhar University: 1

Total participants for the Course No: 1305 = 20

COURSE EVALUATION
POULTRY HUSBANDRY AND DISEASES-1305
HELD AT NWFP AGRICULTURAL UNIVERSITY, PESHAWAR
January 31st through February 28th, 2005

Legend: A= Strongly Agree, B= Agree, C=Disagree, D= Strongly Disagree, E= No Opinion
 No .of Respondents= 21

COURSE EVALUATION

No.		A	B	C	D	E
1.	The course was relevant to your professional responsibilities.	20	1	-	-	-
2.	The course improved your knowledge to a great extent.	15	6	-	-	-
3.	Enough time was given for classroom lecture/discussion.	5	4	11	1	-
4.	Enough time was given for field visits.	4	7	6	3	1
5.	Recent developments in research and latest knowledge of the subject were imparted.	6	12	3	-	
6.	Problems and issues, which you usually encounter during your professional duties, were discussed during the course.	7	13	1	-	-

TRAINING METHODOLOGY

1.	Lectures were informative and very helpful in communication of knowledge.	9	12	-	-	-
2.	Group discussions and consultations with instruction provided an excellent opportunity for sharing of experience.	6	11	3	-	1
3.	Field visits provided the chance to see the problems as discussed in the classroom.	7	11	2	-	1
4.	Teaching Methodology was effective.	7	11	3	-	-
5.	Group discussions are more helpful than the lecture.	4	9	6	-	2
6.	Course duration was about right.	5	3	8	4	1

TRAINERS' PERFORMANCE

Give response about the trainer of the course through following statements:

1.	He has good knowledge of the subject.	16	5	-	-	-
2.	He presented the subject matter nicely and spoke clearly.	7	12	1	-	1
3.	He has the ability to relate subject matter with solutions of existing problems.	9	12	-	-	
4.	He answered trainees' questions satisfactorily.	13	8	-	-	-
5.	His overall performance was good.	10	11	-	-	-

Suggestions for further improvement (if any):

- One month of course duration was not sufficient. It should be increased to two to three months.
- The course was very important and right for us. We have found it satisfactory and the teaching staff was very cooperative.
- The theory that was taught in the class was shown practically in the poultry farms.
- Teaching methodology was excellent.
- Time for practical work at laboratories/hospital/research farms should be increased.
- If the facilities, which we have seen here, are provided in Afghanistan, then this course will be more useful.
- M.Sc. program for B.Sc. faculty members of Afghan Universities should be organized.