

VETERINARY MEDICINE IN AFGHANISTAN

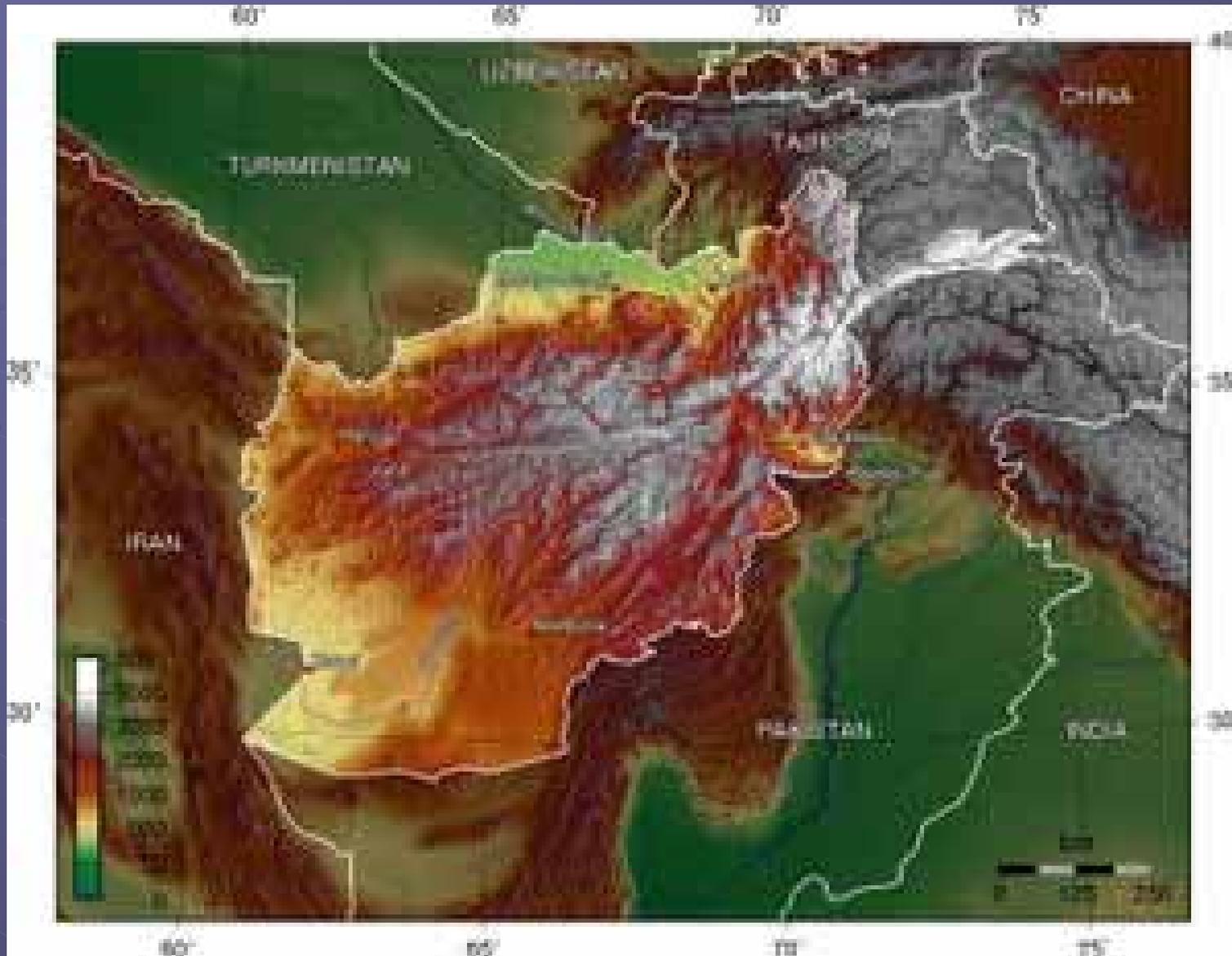
**Dr. Nasrin Stanikzai
Kabul University**

WELCOME TO AFGHANISTAN

**The friendly country of
the word**



Topography of Afghanistan



Afghanistan which translate as land of Afghans

● Nationality	Afghan
● Currency	Afghani
● Religion	Muslim
● Population	31,056,997
● Language	Pashtoo and Dari or Farsi
● Climate	Dry (cold winter and hot summer)

Languages of Afghanistan



** provinces with the most spoken language colored

Islamic Republic of Afghanistan





Kabul





Heart Mosque



Shrine of Baba Saab in Kandahar



Mazar-i-sharif



Women national dress



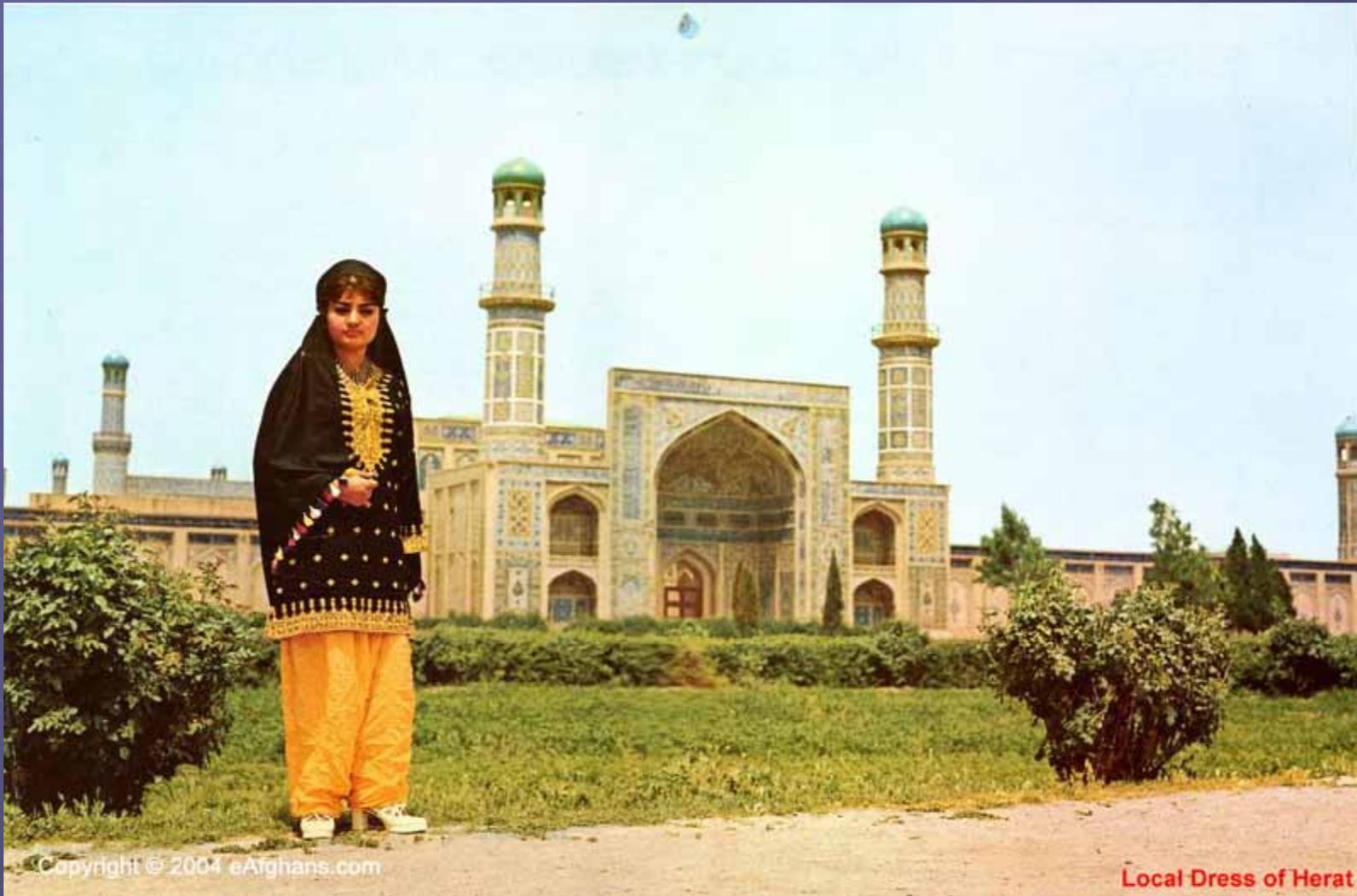
Local Dress of Ancient Kabul



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Local Dress of Ancient Kabul

Local Dress of Herat



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Local Dress of Herat

Local Dress of Kandahar



Local Dress of Kandahar

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Local Dress of Gazni



Local Dress of Karabagh Gazni

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Local Dress of Mangal



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Local Dress of Mangal

Local Dress of Hazarajat



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Local Dress of Bamyan



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Local Dress of Badakhshan



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Kuchi Dress



Koochi Dress

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Men National Dress



Men National Dress



Local Dress of Kabul and Mazar-i-Sharif



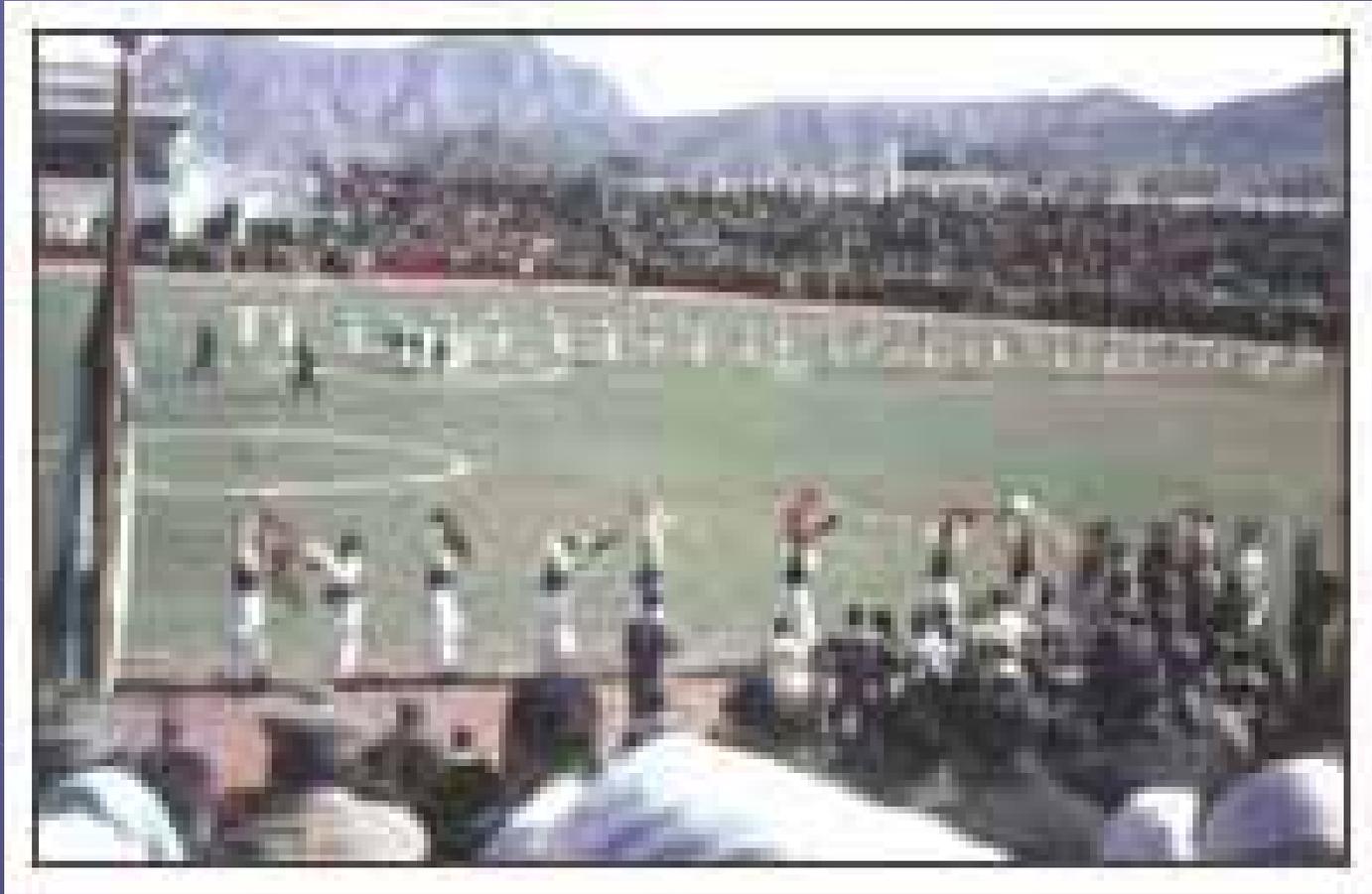
ATTAN



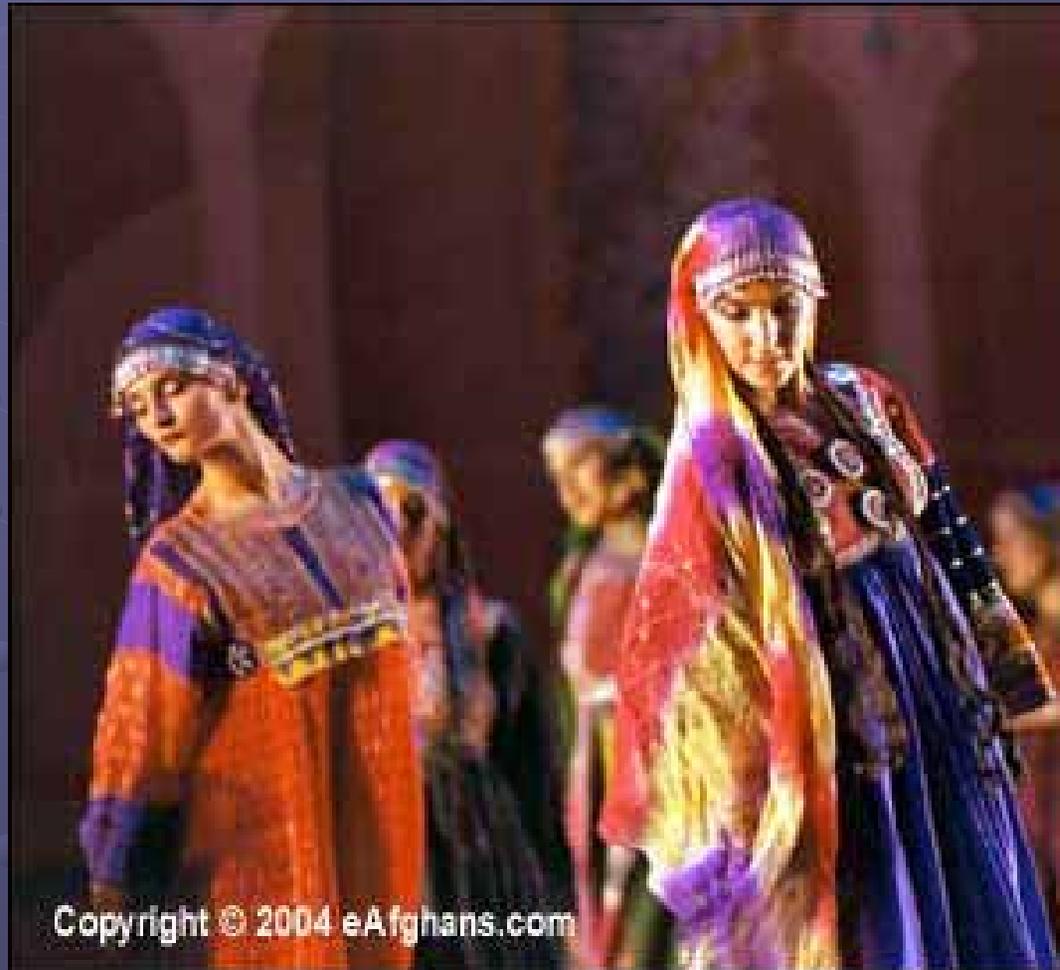
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Traditional Afghan Dance(Attan)



Traditional Afghan dance(Attan)



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Popular Afghan Music Instrument

- Keyboard
- Drum
- Robab
- Tumbor
- Tula

Keyboard





Drum



Drum



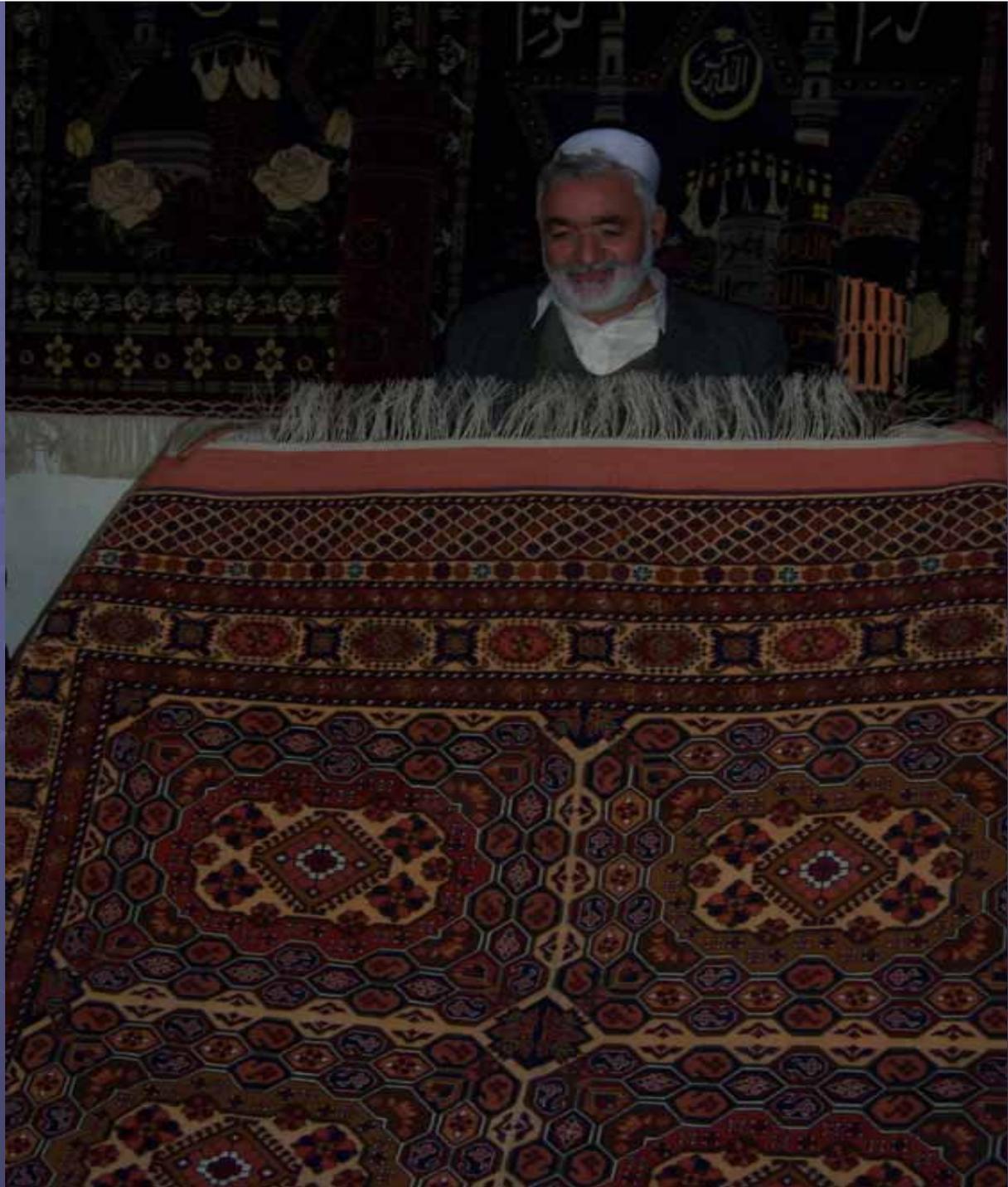
Robab and Tula





**● Women Hand Craft
in Afghanistan**









Export

- Fresh fruit

- Dry fruit

- Nut

- Wool

- Karakol skin

- Sheepskin

- Carpet

- Precious Stone

- Lapis lazuli

- Emerald (highly)

- Azure

Agriculture and Animal production

- Wheat

- Cereal

- Fruits

- Nuts

- Vegetable

- Cotton wool

- Meat

- Dairy

- Karakol skin

- Sheepskin

- Wool





Bakery of Uzbeki Bread





Bakery of Flat Bread











Palau is popular dish in AFG



Buzkashi is an ancient game played using horses in Afghanistan



Buzkashi



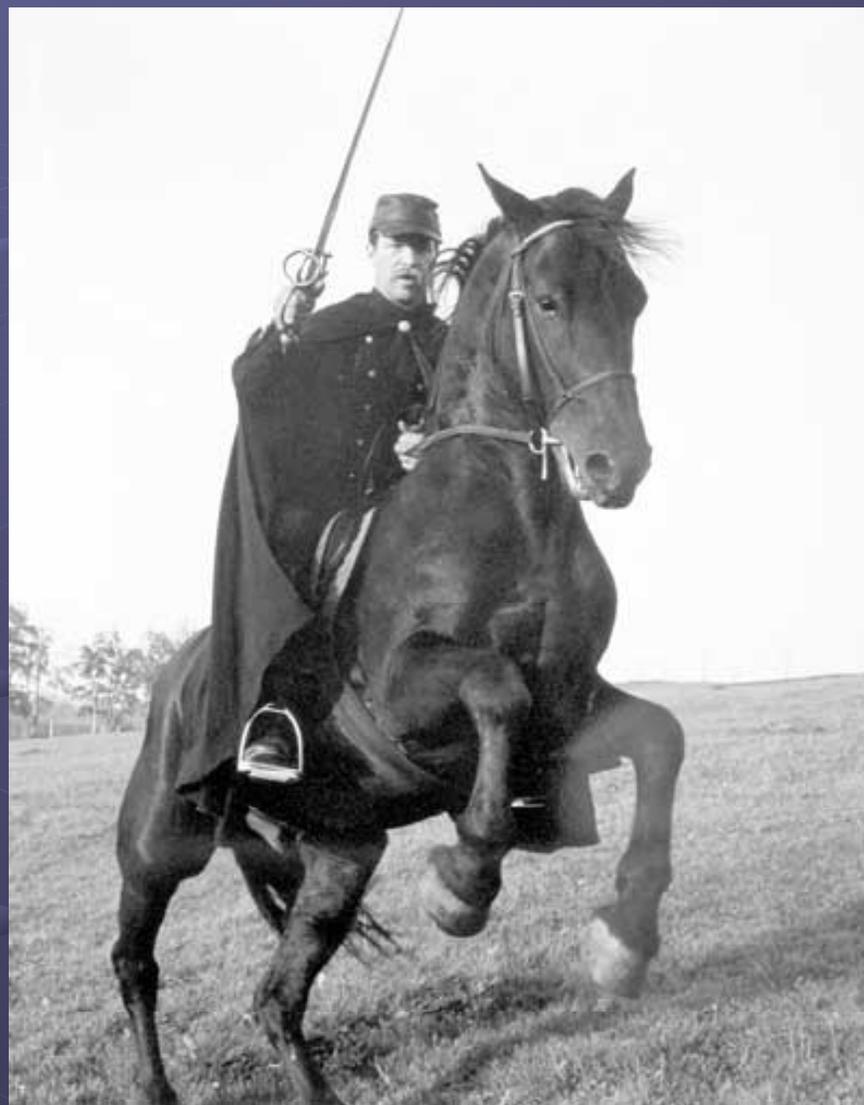
History of Veterinary Medicine in Afghanistan

- In Afghanistan it has been traditional to use horse as a mode of transportation.
- The horse has been used during war times as well.



History of Veterinary Medicine in Afghanistan contd.

In 1919 because of the war with England, many horses suffered injuries. At this time Afghanistan did not have veterinarians. Due to a lack of treatment, injured horses died. This resulted in a shortage of horses. The government sent some army students to Turkey for veterinary education.



History of Veterinary Medicine in Afghanistan contd.

In 1961, one of those army veterinarians went to the President. After discussion, our President agreed to establish a Veterinary College in Kabul. This college is the primary veterinary institution in Afghanistan.



Veterinary College in Kabul

Introduction

- Dean's office
- Administration
- Library
- Departments
 - 5
- Laboratories
 - 22
- Classrooms
 - 5 large
 - 5 small



Veterinary College in Kabul

Introduction contd.

● **Departments (5)**

- Each department consist of two offices
 - Pre-clinic Department
 - Para-clinic Department
 - Clinical Department
 - Animal Science Department
 - Food Safety & Technology Department

Curriculum of Veterinary College in Kabul

#1

Entrance Examination



Curriculum of Veterinary College in Kabul contd.

● Five year program

- **First year** – Mathematics, Physics, Chemistry, Biology & Medical Terminology
- **Second year** – Anatomy, Physiology, Biochemistry, Histology, Microbiology, Genetics & Breeding.
- **Third year** – Animal Nutrition, Parasitology, Pathology, Bacteriology, Virology, Pathophysiology & Animal Hygiene

Curriculum of Veterinary College in Kabul contd.

- **Fourth Year** – Poultry disease, Epidemiology, Pharmacology, Clinical Diagnosis, Food Technology, Internal Medicine, Surgery & Gynecology.
- **Fifth year** – Epidemiology, Internal Medicine, Surgery, Gynecology, Food Safety & Food Analysis.
- **In the last year of the study, students give a seminar on a topic of their choice.**

Laboratories - 22

- **Functional Laboratories**

Anatomy

Biochemistry

Food Analysis

Nutrition

Bacteriology

Biochemistry Laboratory



Clinical Training in 4th & 5th Year of the Vet Curriculum



Clinical Activities

- **Large Animal**

- Surgery
- Gynecology
- Internal Medicine

- **Small Animal**

- Surgery
- General Examination

Clinical Exam – Internal Medicine





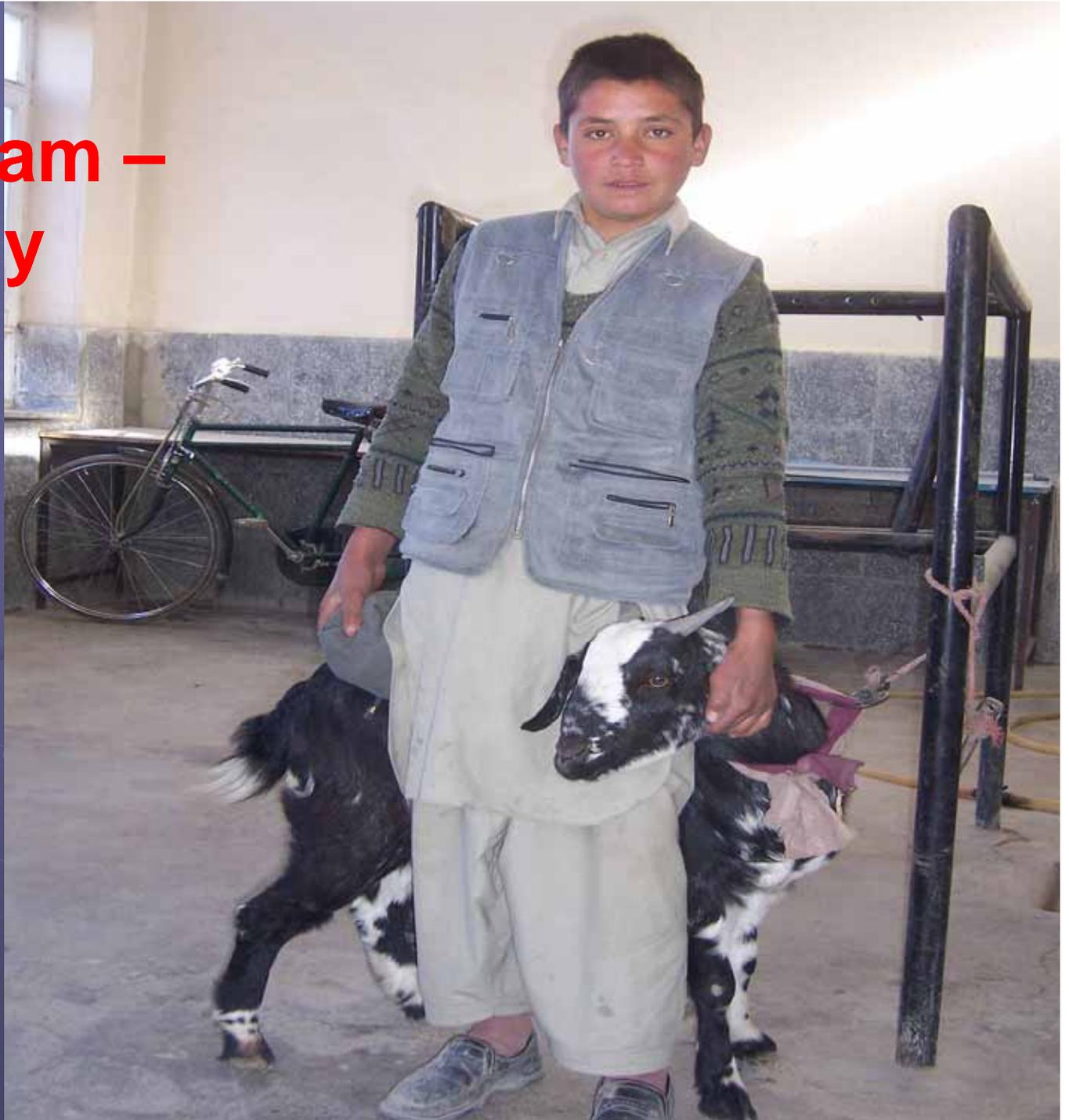
Clinical Exam – Orthopedics



Clinical Exam – Parasitic Infection



Clinical Exam – Gynecology













Small Animal Surgery Room





Employment Agencies in Afghanistan

- Ministry of Agriculture
 - Veterinary Department
- Ministry of Health
 - Food Inspection Department
- City Office
 - Regulate butchery & sale of animal products in the local market
- Quarantine Department at the Airport

Employment Agencies in Afghanistan contd.

- Ministry of Commerce
 - Import & export of animal products
- United Nations - Food & Agriculture Organization
- Dutch Committee for Afghanistan
- French Committee
 - Vaccine production & vaccine control department

Employment Agencies in Afghanistan contd.

- Poultry Project of ICRC
- Other National Veterinary Projects
 - Cattle, Sheep, Goat
- Private Clinics

Members of Dutch Committee for AFG



Paravet Students in DCA Committee



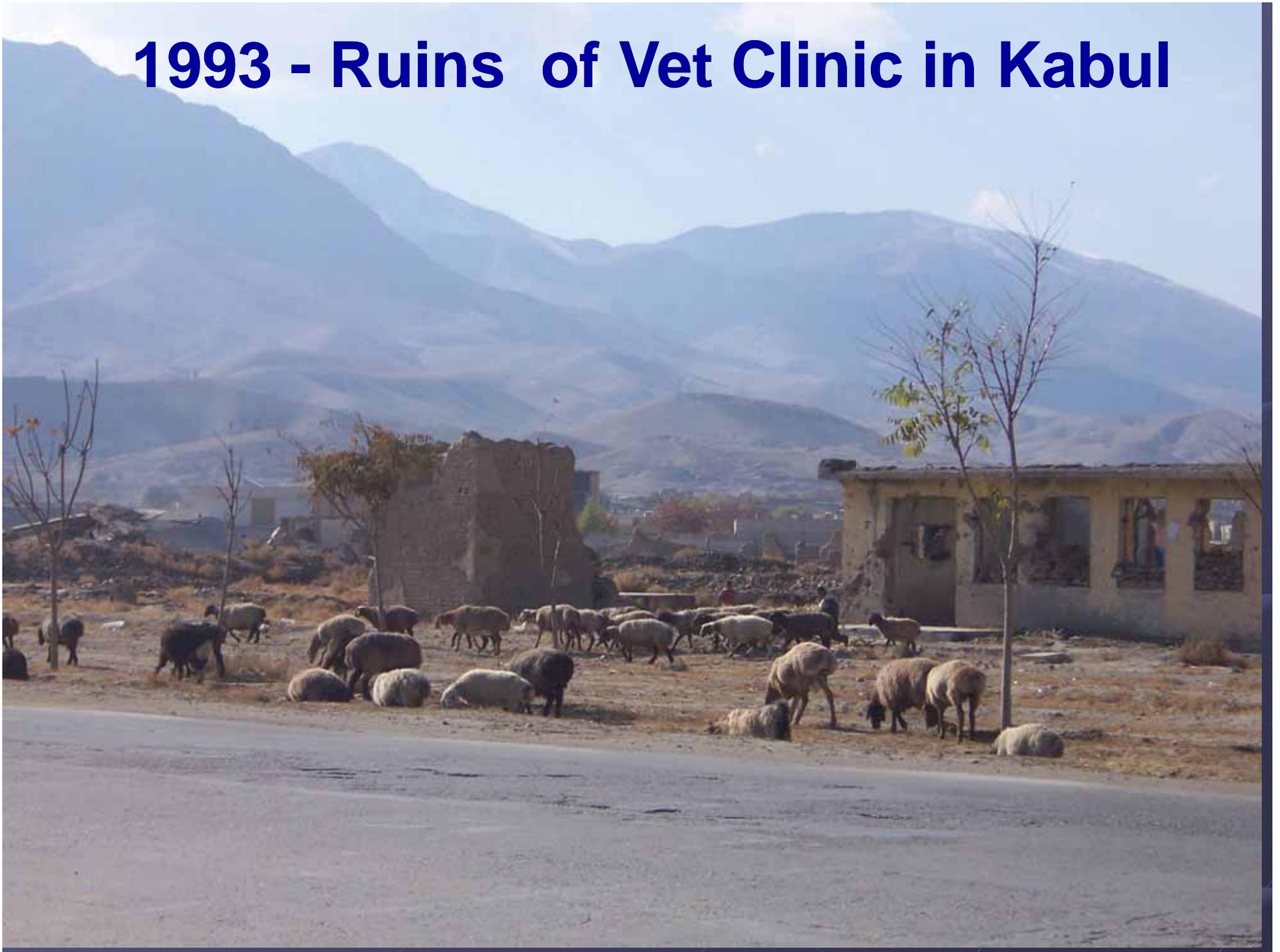
Graduation Ceremony of the Paravet Program



Effects of war on the Veterinary Services in Afghanistan

- Shortage of Veterinarians
- Shortage of Funds
- Shortage of Veterinary Drugs and Vaccines
- Open borders – easy spread of diseases
- Closure of Clinics in Villages
- Closure of Veterinary School
- Destruction of Animal Diagnostic Labs & Research Institutes

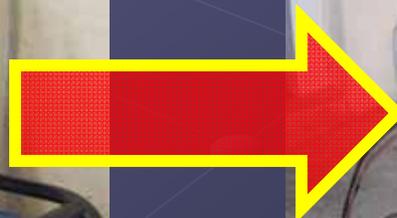
1993 - Ruins of Vet Clinic in Kabul





**1993 - Ruins of Diagnostic Laboratories
and Research Institute**

Autoclaving of instruments was not possible during war. Gasoline was used to generate power with the help of a generator. Gasoline power was then used to autoclave instruments.



Current Condition of Veterinary Medicine in Afghanistan

Veterinary personnel is already available in different villages of Afghanistan

- Animal Health Clinics – supported by government
- Animal Health Clinics – support by DCA
- Animal Health Clinics – Private
- Institute of Diagnosis and Research in Animal Diseases in Kabul

2006 - Drugs for Animals



2006 – Veterinary Campus in Kabul



2005



Death Committee for Afghanistan (DCA)
کشته خاندان برای افغانستان

کلینیک حیوانی
Veterinary Field Unit

این یوزد یوسدا جیوری املاسی افغانستان و یوزد ایمان مننده امر بکار یو بر دم افغانستان اعلا فرجه است
دلمیزه خانستان دلامس جیور ت او د امر کا منده ایمان دلمیزه که یوزد افغانستان دلمیزه یوزد ۱۱

2005

Dutch Committee for Afghanistan (DCA)
کمیته هالند برای افغانستان



کلینیک حیوانی

Veterinary Field Unit

این پروژه توسط جمهوری اسلامی افغانستان و مردم ایالات متحده آمریکا برای مردم افغانستان اجرا گردیده است.
دپارته د افغانستان د اسلامی جیویریت او د آمریکا متحده ایالاتو د خلکو له خوا د افغانستان خلکو له هالی شوی د

*This project has been provided to the people of Afghanistan by the Islamic Republic of Afghanistan
and the people of the United States of America.*

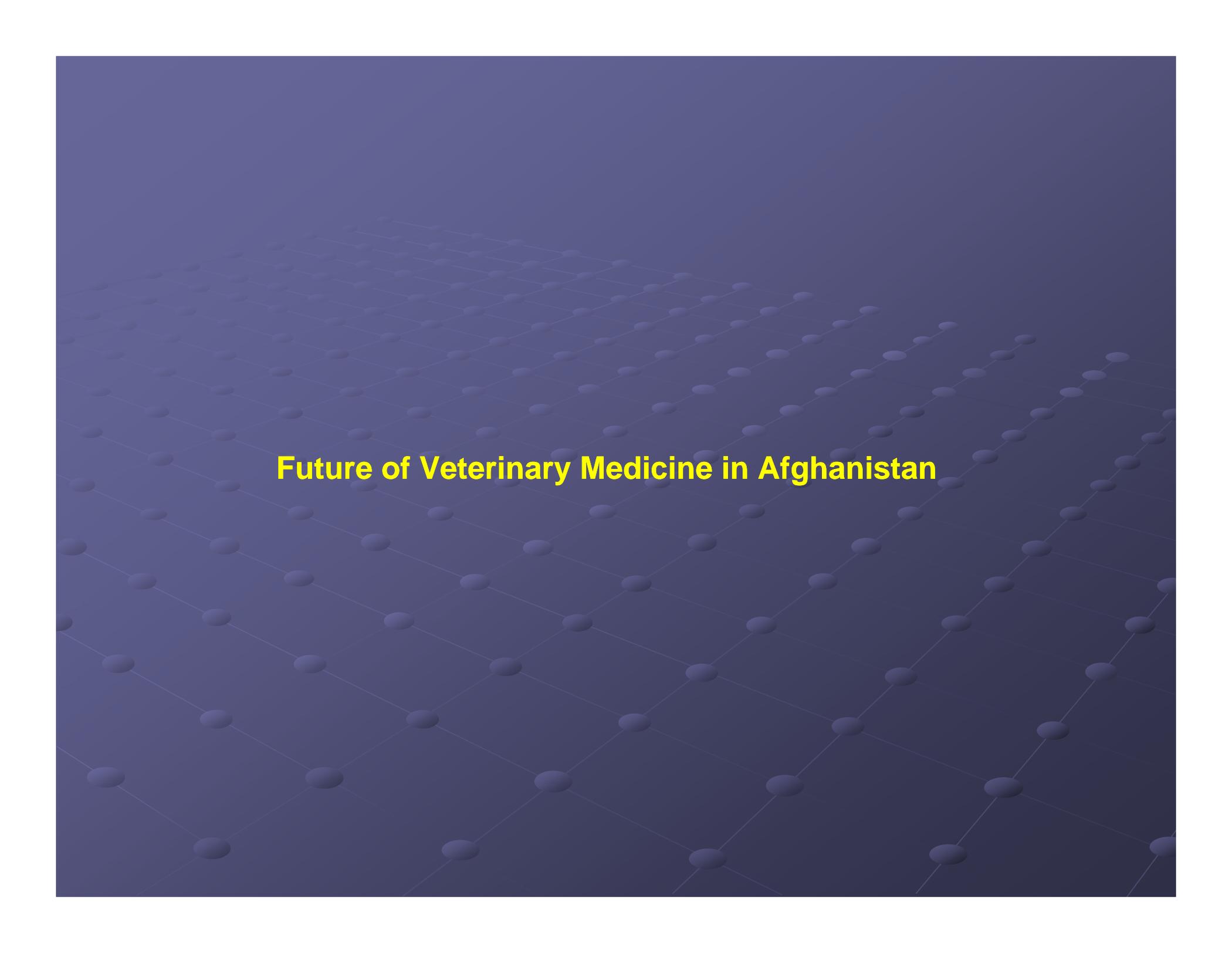


YEAR 2005



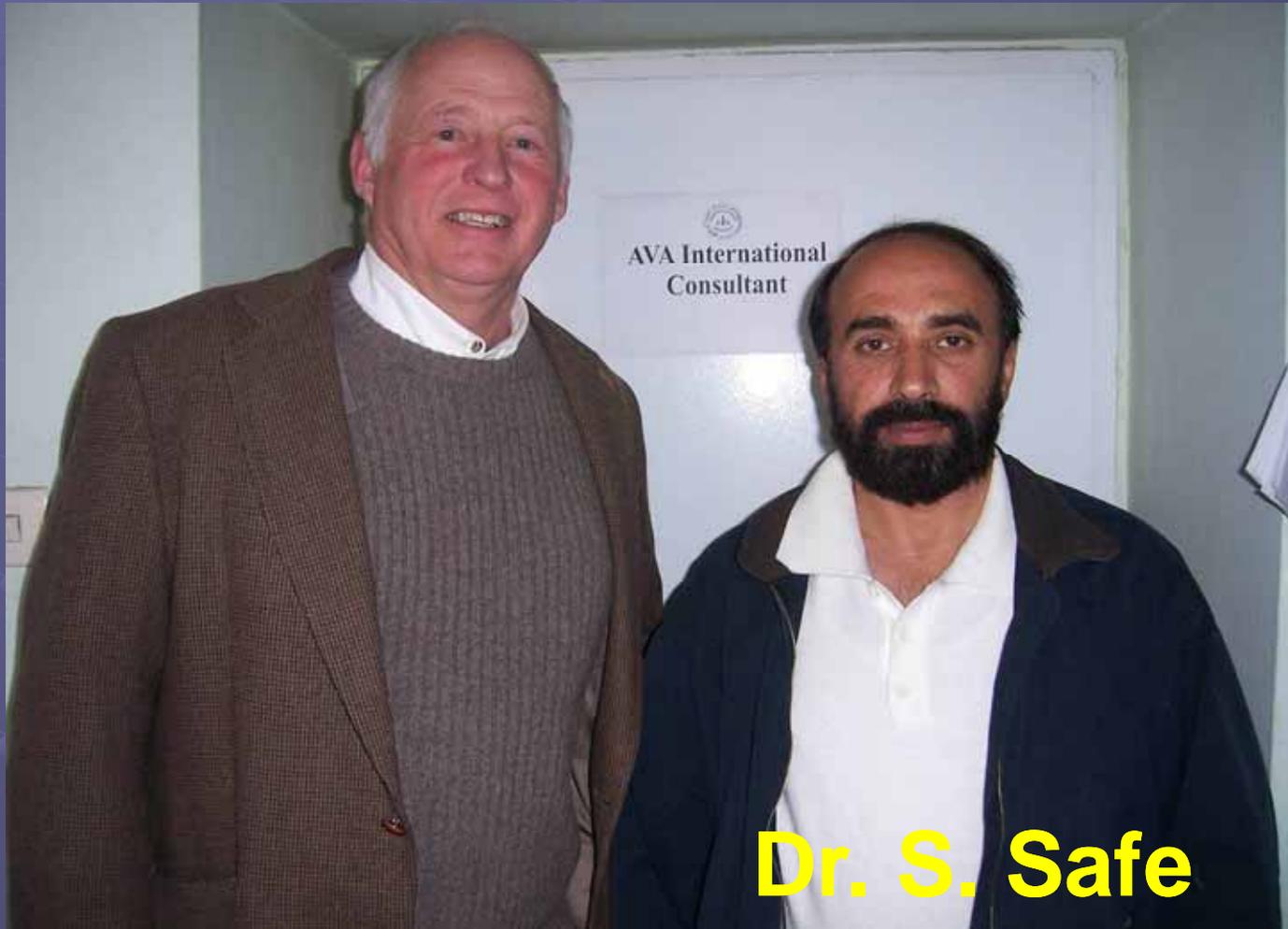
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Future of Veterinary Medicine in Afghanistan

President of the Afghan Veterinary Association



Dr. S. Safe

Quarterly Meeting of Vet Association in Afghanistan



Afghan Veterinarians are Interested in Building Private Animal Hospital



Farmers are Interested in Building Poultry Farms



Poultry Project Members of DCA









Friendly World !